# Medicare Hospital
# INFORMATION
# Report

EMBARGOED FOR RELEASE:
WEDNESDAY, JUNE 10, 1992
6 P.M. EDT

## 1992

## Alabama

PUBS
RA
981
A2
M43
1988-1990, v.1

RA981
.A2
M43
1988-1990
v.1

# MEDICARE HOSPITAL INFORMATION

## 1988 • 1989 • 1990

~~~~~~~~~~

Volume 1

~~~~~~~~~~

## ALABAMA

~~~~~~~~~~

LOUIS W. SULLIVAN, M.D.
*Secretary*
U.S. Department of Health and Human Services

WILLIAM TOBY
*Acting Administrator*
Health Care Financing Administration

---

For sale by the U.S. Government Printing Office
Superintendent of Documents, Mail Stop: SSOP, Washington, DC 20402-9328
ISBN 0-16-037831-1
~~~~~~~~~~

# STATES BY VOLUME

| VOL | STATE |
|---|---|
| 1 | ALABAMA |
| 2 | ALASKA |
| 3 | ARIZONA |
| 4 | ARKANSAS |
| 5 | CALIFORNIA (Part 1) |
| 6 | CALIFORNIA (Part 2) |
| 7 | COLORADO |
| 8 | CONNECTICUT |
| 9 | DELAWARE |
| 10 | DISTRICT OF COLUMBIA |
| 11 | FLORIDA |
| 12 | GEORGIA |
| 13 | HAWAII,<br>AMERICAN SAMOA<br>GUAM |
| 14 | IDAHO |
| 15 | ILLINOIS |
| 16 | INDIANA |
| 17 | IOWA |
| 18 | KANSAS |
| 19 | KENTUCKY |
| 20 | LOUISIANA |
| 21 | MAINE |
| 22 | MARYLAND |
| 23 | MASSACHUSETTS |
| 24 | MICHIGAN |
| 25 | MINNESOTA |
| 26 | MISSISSIPPI |
| 27 | MISSOURI |
| 28 | MONTANA |
| 29 | NEBRASKA |
| 30 | NEVADA |
| 31 | NEW HAMPSHIRE |
| 32 | NEW JERSEY |
| 33 | NEW MEXICO |
| 34 | NEW Y0RK |
| 35 | NORTH CAROLINA |
| 36 | NORTH DAKOTA |
| 37 | OHIO |
| 38 | OKLAHOMA |
| 39 | OREGON |
| 40 | PENNSYLVANIA |
| 41 | PUERTO RICO<br>VIRGIN ISLANDS |
| 42 | RHODE ISLAND |
| 43 | SOUTH CAROLINA |
| 44 | SOUTH DAKOTA |
| 45 | TENNESSEE |
| 46 | TEXAS (Part 1) |
| 47 | TEXAS (Part 2) |
| 48 | UTAH |
| 49 | VERMONT |
| 50 | VIRGINIA |
| 51 | WASHINGTON |
| 52 | WEST VIRGINIA |
| 53 | WISCONSIN |
| 54 | WYOMING |
| 55 | TECHNICAL SUPPLEMENT |

# FOREWORD

The mission of the Health Care Financing Administration (HCFA) is to promote the timely delivery of appropriate, quality health care to the nation's aged, disabled, and poor. The agency must also ensure that beneficiaries are aware of the services for which they are eligible, that those services are accessible, and that agency policies and actions promote efficiency and quality within the total health care delivery system.

To that end, the annual release of the Medicare Hospital Information report is a key element in our continuing efforts to improve the effectiveness of medical practice and the quality of care provided to Medicare beneficiaries. It is also an important step in helping beneficiaries make more informed health care decisions.

**The information in this release is not intended as a direct measure of quality of care.** It is best used as a "screening tool"—that is, to identify potential problems for further review and, in consultation with medical staff, to evaluate a hospital's strengths and weaknesses. Thus, we believe that consumers can use this information to ask questions of their physicians, rather than reach judgments about the quality of care in a particular hospital. We also expect this information to be used by hospital administrators, physicians, peer review organizations, State survey and certification agencies, and researchers.

This publication presents information to answer the question "What is the actual mortality rate within a certain period of time for each hospital compared to the rate that would have been predicted, given what we know about the characteristics of the patients admitted?" Our basic approach to analyzing hospital mortality information has remained unchanged for the past five years; however, since the last publication of mortality information in May 1991, we have made some significant changes both in our methodology and in the way we display the results of our analysis. The four principal changes in the 1992 report are:

- A graphic presentation of the predicted and observed mortality rates for most hospitals for "All Causes" for Federal fiscal years 1988-1990 at 30, 90, and 180 days;
- The addition of information on certain variables that we use in computing the predicted mortality rates for each hospital;
- The addition of information on the geographic origin of each hospital's patients; and

- A comparison of the average length of stay in each hospital with the average for the State and Nation.

These refinements should make this information an even more valuable educational tool to help improve the quality of care in hospitals. The changes were reviewed by a panel of outside experts. The methodology used to calculate the observed mortality rate, the predicted mortality rate, and the standard deviation are briefly described in the Technical Information section of the Introduction to this volume and in more detail in the Technical Supplement (Volume 55).

We acknowledge the assistance we have received from the American Hospital Association—not only for providing the information detailing selected hospital characteristics, but also for alerting its members to the importance of this information. We are also grateful to the personnel in each hospital who took the time to review the data thoroughly and to provide us with comments and suggestions. As before, we have published individual hospitals' comments in their respective State volumes. Over the years, these communications have helped to improve and refine the information included in this publication.

HCFA is committed to improving the Medicare Hospital Information report. To that end, we are continuing to work with representatives of hospital, consumer, employer and other organizations to make this annual report as useful as possible for all consumers.

# TABLE OF CONTENTS

Introduction ix

ABERNETHY MEMORIAL HOSPITAL 2
AMI BROOKWOOD MEDICAL CENTER 4
AMI WEST ALABAMA GENERAL HOSPITAL 6
ANDULUSIA HOSPITAL 8
ATHENS-LIMESTONE HOSPITAL 10
ATMORE COMMUNITY HOSPITAL 12
AUTAUGA MEDICAL CENTER 14
BAPTIST MEDICAL CENTER 16
BAPTIST MEDICAL CENTER CHEROKEE 18
BAPTIST MEDICAL CENTER DEKALB 20
BAPTIST MEDICAL CENTER MONTCLAIR 22
BAPTIST MEDICAL CENTER PRINCETON 24
BAPTIST MEMORIAL HOSPITAL 26
BESSEMER CARRAWAY MEDICAL CENTER 28
BIBB MEDICAL CENTER HOSPITAL 30
BLOUNT MEMORIAL HOSPITAL 32
BOAZ ALBERTVILLE MEDICAL CENTER 34
BRYAN W WHITFIELD MEMORIAL HOSPITAL 36
BULLOCK COUNTY HOSPITAL 38
BURDICK-WEST MEMORIAL HOSPITAL 40
CARRAWAY METHODIST MEDICAL CENTER 42
CENTRAL ALABAMA COMMUNITY HOSPITAL 44
CENTRAL ALABAMA MEDICAL CENTER 46
CITIZENS HOSPITAL ASSOCIATION 48
CLARKE HOSPITAL INC 50
CLAY COUNTY HOSPITAL 52
CLEBURNE COUNTY HOSPITAL 54
COMMUNITY HOSPITAL INC 56
COOPER GREEN HOSPITAL 58
COOSA VALLEY MEDICAL CENTER 60
CRENSHAW COUNTY HOSPITAL 62
CRESTWOOD HOSPITAL 64
CULLMAN MEDICAL CENTER 66
D C H REGIONAL MEDICAL CENTER 68
D C H REHABILITATION PAVILION 70
D E JACKSON MEMORIAL HOSPITAL 72
D W MCMILLAN MEMORIAL HOSPITAL 74
DALE COUNTY HOSPITAL 76
DECATUR GENERAL HOSPITAL 78
EAST ALABAMA MEDICAL CENTER 80
EDGE REGIONAL MEDICAL CENTER 82

ELBA GENERAL HOSPITAL ........ 84
ELIZA COFFEE MEMORIAL HOSPITAL ........ 86
ENTERPRISE HOSPITAL ........ 88
EVERGREEN HOSPITAL INC ........ 90
EYE FOUNDATION HOSPITAL ........ 92
FAYETTE COUNTY HOSPITAL ........ 94
FLORALA MEMORIAL HOSPITAL ........ 96
FLOWERS HOSPITAL INC ........ 98
GEORGE H LANIER MEMORIAL HOSPITAL ........ 100
GEORGIANA DOCTORS HOSPITAL ........ 102
GREENE COUNTY HOSPITAL ........ 104
GROVE HILL MEMORIAL HOSPITAL ........ 106
GUNTERSVILLE HOSPITAL ........ 108
GUNTERSVILLE-ARAB MEDICAL CENTER ........ 110
HALE COUNTY HOSPITAL ........ 112
HARTSELLE MEDICAL CENTER ........ 114
HEALTHSOUTH MEDICAL CENTER ........ 116
HELEN KELLER MEMORIAL HOSPITAL ........ 118
HILL HOSPITAL OF YORK ........ 120
HUMANA HOSPITAL EAST MONTGOMERY ........ 122
HUMANA HOSPITAL ENTERPRISE ........ 124
HUMANA HOSPITAL FLORENCE ........ 126
HUMANA HOSPITAL HUNTSVILLE ........ 128
HUMANA HOSPITAL MONTGOMERY ........ 130
HUMANA HOSPITAL RUSSELLVILLE ........ 132
HUMANA HOSPITAL SHOALS ........ 134
HUNTSVILLE HOSPITAL ........ 136
J PAUL JONES HOSPITAL ........ 138
JACKSON COUNTY HOSPITAL ........ 140
JACKSON HOSPITAL & CLINIC INC ........ 142
JACKSONVILLE HOSPITAL ........ 144
L V STABLER MEMORIAL HOSPITAL ........ 146
LAKESHORE COMMUNITY HOSPITAL ........ 148
LAKEVIEW COMMUNITY HOSPITAL ........ 150
LAMAR REGIONAL HOSPITAL ........ 152
LAWRENCE COUNTY HOSPITAL ........ 154
LLOYD NOLAND HOSPITAL ........ 156
LONGVIEW GENERAL HOSPITAL ........ 158
MARION COUNTY GENERAL HOSPITAL ........ 160
MEDICAL CENTER EAST ........ 162
MIZELL MEMORIAL HOSPITAL ........ 164
MOBILE INFIRMARY ........ 166
MONROE COUNTY HOSPITAL ........ 168
NE ALABAMA REGIONAL MEDICAL CENTER ........ 170
NORTH BALDWIN HOSPITAL ........ 172
NORTH JACKSON HOSPITAL ........ 174

PARKWAY MEDICAL CENTER HOSPITAL ........ 176
PERRY COUNTY HOSPITAL ........ 178
PHENIX MEDICAL PARK HOSPITAL ........ 180
PICKENS COUNTY MEDICAL CENTER INC ........ 182
PIEDMONT HOSPITAL ........ 184
PROVIDENCE HOSPITAL ........ 186
RANDOLPH COUNTY HOSPITAL ........ 188
RED BAY HOSPITAL ........ 190
RIVERVIEW REGIONAL MEDICAL CENTER ........ 192
RUSH HOSPITAL/BUTLER INC ........ 194
RUSSELL HOSPITAL ........ 196
SELMA MEDICAL CENTER HOSPITAL INC ........ 198
SHELBY MEDICAL CENTER ........ 200
SOUTH BALDWIN HOSPITAL ........ 202
SOUTHEAST ALABAMA MEDICAL CENTER ........ 204
SPRINGHILL MEMORIAL HOSPITAL ........ 206
ST CLAIR REGIONAL HOSPITAL ........ 208
ST VINCENTS HOSPITAL ........ 210
STRINGFELLOW MEMORIAL HOSPITAL ........ 212
THOMAS HOSPITAL ........ 214
THOMASVILLE HOSPITAL ........ 216
UNIV OF SOUTH ALABAMA DOCTORS HOSPITAL ........ 218
UNIV OF SOUTH ALABAMA KNOLLWOOD PARK ........ 220
UNIV OF SOUTH ALABAMA MEDICAL CENTER ........ 222
UNIVERSITY OF ALABAMA HOSPITAL ........ 224
VAUGHN REGIONAL MEDICAL CENTER INC ........ 226
WALKER REGIONAL MEDICAL CENTER INC ........ 228
WASHINGTON COUNTY INFIRMARY ........ 230
WEDOWEE HOSPITAL ........ 232
WINFIELD CARRAWAY HOSPITAL ........ 234
WIREGRASS HOSPITAL ........ 236
WOODLAND COMMUNITY HOSPITAL ........ 238

State and National Hospital Information ........ 240

Hospital Comments

# INTRODUCTION

The Medicare Hospital Information report contains information on acute care hospitals that treated Medicare patients discharged in Federal fiscal year (FY) 1990 (October 1, 1989—September 30, 1990).

This year's publication set consists of 54 State volumes and a Technical Supplement (Volume 55). There is one volume per State, except that California and Texas have two volumes each, Hawaii is combined with American Samoa and Guam, and Puerto Rico and the Virgin Islands are combined together in one volume.

Each hospital's two summary data pages are arranged alphabetically by hospital name in each State volume. These data pages consist of:

- The hospital's FY 1990 Medicare hospital mortality rates;
- A graphic presentation of the predicted and observed mortality rates for **most** hospitals for "All Causes" for FYs 1988—1990 at 30, 90, and 180 days;
- The FY 1990 values for selected explanatory factors used to predict the mortality rates;
- Origins and lengths of stays of Medicare admissions; and
- Hospital characteristics, such as the number of beds and other characteristics, which we obtained from data contained in the American Hospital Association's (AHA) 1990 Annual Survey of Hospitals files or, when such information was not available from the AHA file, the Health Care Financing Administration's (HCFA) Online Survey, Certification and Reporting System (OSCAR) file.

> ***Please note that the information regarding origins and lengths of stays and hospital characteristics are presented strictly for information purposes only. They were not used to calculate the hospital's predicted mortality rates.***

Toward the end of each volume, we include both State and national mortality rates developed by our analysis, as well as the comments we received from individual hospitals.

## DESCRIPTION OF MORTALITY INFORMATION

The mortality rates at a given hospital may reflect, among other factors, the age, sex, diagnoses, and severity of illness of patients admitted to that hospital, as well as the quality of care they received. Factors affecting health and the probability of death vary among the patient populations served by individual hospitals. Consequently, the mortality rates in different patient populations vary considerably.

These latest analyses of the mortality rates associated with Medicare hospitalizations are similar to those carried out in the four prior years. Only one hospitalization for every patient was used. As in last year's analysis, when a patient had multiple hospitalizations during the fiscal year, one stay was selected at random to be analyzed. We believe that the use of the randomly selected admission provides a better representation of a typical hospital admission and permits us to calculate mortality rates more nearly like those the hospital itself would calculate for its patients.

Although we publish data only on deaths which occur within 180 days of admission to the hospital, for purposes of analysis our methodology actually considers deaths which occur any time within 365 days of admission (with the exception that no date of death later than April 1, 1991 is used). This is part of the formula which assesses the long-term risk of mortality. With this approach, information about the early and later results of the hospitalization is provided. This is important because diseases evolve with different time courses, and treatments may have different short- and long-term effects. The choice of at least 180 days allows substantial followup consistent with timely reporting of HCFA data.

We again analyzed the data on a fiscal year, rather than on a calendar year, basis because it allows us to report on recent hospitalizations. Also, new Medicare rules are often instituted on a fiscal year basis.

For each hospital, mortality rates are presented for overall Medicare patient mortality and for eight medical conditions and nine procedures. The information consists of the number of Medicare patients; the observed or actual mortality rate (OBS); the predicted mortality rate (PRED), given the mix of patients; and a standard deviation (SD), a measure of the uncertainty of the predicted rate.

The following information will be helpful when reviewing specific information for any given hospital.

### *Number Of Cases*

This is the number of individual Medicare beneficiaries whose discharge in a fiscal year from the short-term, acute care hospital listed was selected for analysis. The total number of cases randomly selected for each hospital is presented under the category "All Causes." The eight medical condition and nine surgical procedure categories are subgroupings drawn from the "All Causes" selection. Although a particular patient may appear in only one of the eight medical condition categories, that same patient may also appear in one or more of the nine surgical procedure categories. Similarly, a patient may appear in one or more of the nine surgical procedure categories, even though he or she was not included in any of the eight medical condition categories.

The categories chosen for display represent HCFA's interpretation of the categories judged to be important by various outside advisors including the Institute of Medicine. The listed condition and procedure categories do not cover the reason for admission of all the hospitalized Medicare patients in this study. (The ICD-9-CM codes included in each condition and procedure category appear in Table 1 following this Introduction section.)

These conditions and procedures represent the causes for the hospital admission and/or surgical episodes during that stay; they do not necessarily represent the cause of death. HCFA does not have access to cause of death information.

### *Observed Mortality Rate (OBS)*

The observed mortality rate for each category is the percentage of each acute care hospital's selected Medicare patients who died within 30, 90, or 180 days of the selected admission. This rate does **not** represent the percentage whose death was caused by a particular condition or procedure.

The percentage is rounded to the nearest one-tenth of one percent. Both inhospital deaths and deaths occurring after discharge but within 30, 90, or 180 days of admission are included. For example, if a hospital had 1,000 patients included in the "All Causes" category and 124 of these patients died within 30 days of the selected admission, the 30-day observed mortality rate would be 12.4 percent; if an additional 17 patients died more than 30 but less than 91 days after admission, the 90-day observed mortality rate would be 14.1 percent; and if an additional 13 patients died more than 90 but less than 181 days after admission, the 180-day observed mortality rate would be 15.4 percent.

It is important to note that the observed mortality rate is cumulative; e.g., the 90-day observed mortality rate includes all deaths which occur within 30 days of admission, as well as those occurring more than 30 and less than 91 days after admission.

### *Predicted Mortality Rate (PRED)*

The predicted mortality rate for each hospital's patients is derived in part by determining, based on national experience, the contribution to the probability of dying associated with various patient characteristics such as:

- Principal diagnosis (grouped into 23 analytical risk categories),
- Age,
- Sex,
- Previous hospital admissions within the prior six months,
- Admission source (e.g., physician reference, skilled nursing facility reference),
- Admission type (e.g., elective or emergency), and
- The presence of up to seven comorbid conditions—cancer, chronic cardiovascular disease, chronic renal disease, chronic liver disease, chronic pulmonary disease, cerebrovascular degeneration, and chronic diabetes. A list of the ICD-9-CM codes defining the comorbid conditions is in Table 2 following this Introduction section.

### *Standard Deviation (SD)*

The standard deviation is a tool to gauge the extent to which the difference between the observed and predicted mortality rate is meaningful. In general, the greater the difference between the two rates, the greater the probability that the difference represents an actual variation from what would be expected in view of the national experience. The less chance that the difference between the PRED and the OBS can be attributed to statistical variability, the more grounds for possible concern about the institution's performance.

Information on how to use the SD to construct prediction intervals for use in assessing the real difference between the OBS and the PRED is included in the Technical Information section of this Introduction. The precision and interpretability of the estimates are weaker when there are no deaths or 50 or fewer cases in a particular category being analyzed. Thus, for these instances, dashes ("---") are placed in the SD column.

## OBSERVED MORTALITY RATE AND PREDICTED RANGE FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

Also in this year's report, we have presented graphs that display the information for most hospitals described above for FYs 1988 and 1989, as well as FY 1990. (In particular, these graphs could not be computed for hospitals that had 50 or fewer cases or no deaths in FYs 1988, 1989, or 1990). In constructing the graphs, we used 2 times the standard deviation to approximate a 95 percent prediction interval. The observed mortality is shown as a dot (•). The predicted mortality is shown at the middle of a range of mortality rates. The bottom of the range is the predicted mortality minus twice the standard deviation, and the top of the range represents the predicted mortality plus twice the standard deviation. The graphs for FY 1988 and FY 1989 are based on new random samples and new computations for this year's report. Thus, the calculations for some hospitals for FY 1988 and FY 1989 may be different from previous releases, because we are including more current data in this year's report.

## FY 1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

This year's report includes the FY 1990 average at each hospital of many of the explanatory factors used to predict that hospital's mortality rates. This information provides a profile of the patients used in the analysis and should help to identify possible systematic coding errors in the claims data used to calculate the mortality rates. These percentages are derived from the patients included in the sample and should be applied to the total number of cases listed in "All Causes." It is important to note that neither the admission sources/types nor the comorbidities categories are mutually exclusive. For example, a patient could be both "referred by his personal physician" and "admitted for elective procedure." Similarly, a patient could have secondary diagnoses of both cancer and diabetes.

## INFORMATION SOURCES AND NOTES

We believe that when the mortality rate information is properly understood and applied, it can be very useful; it can also be misleading if it is interpreted incorrectly. The information simply describes one of several possible outcomes at a hospital—postadmission mortality for Medicare beneficiaries.

Mortality information is not necessarily representative of a hospital's total performance in all aspects of patient care. Individual hospitals may have very good reasons for their rates being higher than the rates predicted by the HCFA model. For example, one hospital might have different death rates than another because its patient mix is not fully accounted for by the model.

Accordingly, we offered each hospital the opportunity to review their specific information and to provide comments to HCFA and the public, and we included those comments that were received timely at the end of this volume. Users should read the discussions about the uses and limitations of the mortality information found on page xiii, as well as any comments a hospital may have provided.

### *Hospitals In The Analysis*

The hospitals included in this analysis are participating in Medicare as short-term, acute care facilities—all have a zero in the third position of their Medicare provider number. All other hospitals—those with something other than a zero in the third position of their provider number, such as rehabilitation facilities or psychiatric institutions—were excluded. This year, as in the past two years, we have also excluded hospices.

In some cases, we have included data for hospitals that closed, changed ownership, or changed management either during or subsequent to FY 1990. Our data included for those institutions reflects the situation as it existed at the time the hospitalizations analyzed occurred.

### *Data Sources*

This report is based primarily on Medicare hospital billing information for Federal fiscal years 1988, 1989, and 1990. While the principal source of the data for the analysis was the HCFA-maintained Medicare Provider Analysis and Review (MEDPAR) file, which contains information about each Medicare hospitalization, some of the information about beneficiaries, such as date of death, was obtained from the Social Security Administration. Hospitals submit bills to HCFA's fiscal intermediaries (which handle claims for the inpatient care provided to Medicare beneficiaries) which, in turn, submit this information to HCFA. The file is updated on a quarterly basis. Our analysis was based on information available following the June 1991 update of the MEDPAR file. It is estimated that by that time (nine months after the close of the fiscal year), 98 percent of all Medicare discharges in FY 1990 are included in the file.

### *Possible Limitations Of The Data*

In any large-scale data base, such as the one dealing with Medicare hospitalizations, there will be gaps or inaccuracies. For example, last year some hospitals had not accurately reported the source or type of admission, and thus erroneous information was included in the analysis for those hospitals. However, the fact that the files contain information on about 10 million hospital admissions to nearly 6,000 hospitals for each year provides some assurance that, for purposes of the statistical analysis conducted here, the information that might be missing or inaccurate is such a small portion of the total that it would have little effect on the results for national estimates. Nevertheless, it may substantially affect an individual hospital if it were the source of the inaccurate information.

While we feel that the information used in this analysis is thorough and complete, there are a few points to keep in mind as you review the mortality information.

The information used is billing data; it is only as good as the information submitted by hospitals as part of the payment process. Although there is always a possibility that coding errors are included, we assume that, given the link to payment, hospitals have an incentive to submit bills accurately and promptly. We do know, however, that some hospitals submitted incomplete or erroneous data.

For example, following last year's public release of the hospital mortality data, several hospitals wrote to HCFA indicating that they had submitted incorrect data. Furthermore, they stated that if they had given us the correct information, their predicted mortality rates would have been higher than those presented in HCFA's report. Therefore, in this year's report we have annotated those hospitals' data pages with a footnote stating: "This hospital says that it submitted inaccurate data to Medicare and claims that its predicted mortality rate should be higher than that presented above." At this point, however, HCFA cannot confirm the validity of those hospitals' claims. The analysis results might very well be different if the data on which they were based were submitted accurately by those hospitals.

In our previous analysis of mortality data, we discovered that some States had zero admissions from a skilled nursing facility. While some of these problems were corrected on the MEDPAR files used for this analysis, at the time this study was initiated we found empirical evidence that some of the files still contained suspect information. The suspect data were identified by noting those months (date of discharge) and fiscal intermediaries for which the type and source of admission fields appeared to be interchanged. Based on our findings, we reversed these fields to at least partially correct the remaining discrepancies. The following list shows the specific instances for which the fields were reversed for this analysis.

### TYPE AND SOURCE OF ADMISSION FLIPPED

| FI No. | FI Name | Dates |
|---|---|---|
| 00030 | Arizona Blue Cross | 10/01/86 — 12/31/88 |
| 00080 | Maryland Blue Cross/DC | 06/01/87 — 09/30/87 |
| 00190 | Maryland Blue Cross | 06/22/87 — 12/31/88 |
| 00400 | Texas Blue Cross | 12/07/87 — 12/31/88 |

## HOW TO USE THIS INFORMATION

There are several key points to remember about the use of this information. **First, it is important to understand that the difference between the hospitals' mortality rates and the predicted rates in the tables in this report may not be a direct measure of the quality of care rendered in the hospitals.**

Second, the usefulness of this information depends upon the accuracy with which mortality rates can be predicted. We do not currently have any direct measurement tool with which we can fully adjust for severity of patient illness differences among hospitals. For instance, two hospitals may have very different death rates for patients admitted for stroke, even after we have adjusted for age, sex, and several other factors. This might happen because one hospital's stroke patients may consist of a significant number who are admitted in a coma (and are thus more likely to die), whereas another hospital's patient population may represent a broader spectrum of patients with cerebrovascular problems, or because these two hospitals, in fact, do provide different levels of quality of care. In addition, other factors affecting the probability of death in a particular case (e.g., family status/support, overall health status of the patient, etc.) are not included in the predictive model because information on them is not readily available.

Nevertheless, we believe that the information presented in this publication is an important contribution to the health care community and should be helpful to a wide range of individuals and organizations including consumers, hospital administrators, physicians, PROs, and researchers.

### *Use By Consumers — Some Key Questions*

Consumers should read carefully the explanations of the uses and limitations of the information. Listed below are some questions that we recommend a consumer think about before choosing a hospital. Please keep in mind that this is not a comprehensive list, but it should serve to illustrate the types of questions that are important to consider.

- Why are the hospital's observed mortality rates for "All Causes" consistently and significantly above the predicted rates for FY 1990?

- Why are the hospital's observed mortality rates for the condition for which I need treatment or the procedure I will undergo consistently and significantly above the predicted rates for FY 1990?

- How does this hospital's pattern of mortality compare with that of other hospitals in the State and Nation?

- Is the number of cases too small to present a satisfactory picture of the hospital?

- Does the hospital treat a large number of cases in the category for which I need treatment?

- Does the hospital treat a large number of patients who have several co-existing illnesses or who otherwise are likely to be "sicker" than average?

### *Other Users Of This Publication*

Among other users of this publication, we expect that the hospital administrator (in consultation with medical staff) will find the information most useful as a screening tool to evaluate a hospital's strengths and weaknesses. We know that some hospitals and their medical staffs, using established and newly emerging quality assessment techniques, are seeking information that will result in improved health care delivery.

### *Outside Assistance In Developing This Publication*

The development and presentation of the Medicare Hospital Information report continues to be an important part of HCFA's responsibilities in the health care community. To make the information as accurate and useful as possible, over the past several years we have discussed the theoretical framework and statistical approach with a number of nationally recognized technical experts in appropriate fields. Based on their recommendations, we believe that the models used in these analyses continue to be reasonable and appropriate.

In the past, we have conducted validation studies of our methodology. In general, these studies have found correlation between poor quality care and hospitals whose observed mortality rates significantly exceed the rates that would have been predicted. However, we have also found that detailed clinical data which more thoroughly characterize the severity of patient's illness, while they do not materially affect results describing the general pattern of mortality, do, in specific instances, alter our assessment of the comparison of the observed to the predicted mortality rates.

The format for presentation, the process for sharing the information with individual hospitals, and the statistical methodology have been discussed at various meetings with leaders of organizations representing Medicare beneficiaries, physicians, and hospitals. Also, we have spent many months reviewing the comments received from the hospitals regarding their patient-specific data for earlier years and our previous mortality information reports. Many suggestions from these sources have been incorporated into this report.

We have carefully investigated comments from individual hospitals on apparent discrepancies or errors generated in previous years. These discrepancies rarely had an effect on a hospital's overall mortality rate. Most of these instances fell into the following two broad categories.

- **Inaccurate Date of Death** — We found that inpatient billing coding errors (e.g., a hospital bill indicating that the patient's status at time of discharge was “expired” when the patient had, in fact, left the hospital alive) created many of these errors. We now have mechanisms in place that allow a continuous update of HCFA's master file, thereby enabling us to make corrections.

- **Discrepant Case Counts** — Our analysis counts only one acute care discharge in a fiscal year; normally, hospitals count each discharge. Thus, a patient admitted three times in a year would count three times for the hospital, but only once for the purpose of analyzing Medicare hospital mortality data presented in this report.

*We believe it is important for consumers of health care to have access to as much information about hospitals as possible when making health care choices. Along with hospital characteristics information, we have added this year information about the origin and length of stay of Medicare admissions. This information is presented for comparative purposes only and was not used in calculating a hospital's predicted mortality rates. These data were not part of the analyses, and any errors or discrepancies in them do not affect the predicted mortality rates.*

## ORIGIN OF MEDICARE ADMISSIONS

Data on the geographic origin of each hospital's patients are presented in this year's report. We obtained from the Health Insurance Master file the State and county of residence for each Medicare beneficiary discharged from a Medicare-certified, acute care hospital during FY 1990. We then compared that information with the location of the hospital to determine the percentage of all discharges where the patient lived within the same city/county as the hospital location, within the State where the hospital is located, or outside the State. The percentages are derived by dividing the number of discharges of beneficiaries in a geographic category by the total number of Medicare discharges from the hospital. Please note that these are percentages of total Medicare discharges, not of the mortality sample alone.

## MEDICARE AVERAGE LENGTH OF STAY

We obtained from the MEDPAR file the total days of care—both Medicare covered and noncovered—and divided that total by the number of discharges from each hospital. Total, rather than covered, days were used because, under the Prospective Payment System (PPS), if a Medicare patient has at least one day of hospital coverage available to him in the current spell of illness, the hospital will be paid the full diagnosis related group (DRG) amount plus any approved outlier amount, regardless of the number of days actually used.

Example: Hospital A had 2,513 Medicare discharges with a total of 24,379 days.

Calculation: $\frac{24,379}{2,513} = 9.7$ days

The Medicare average length of stay is 9.7 days.

## HOSPITAL CHARACTERISTICS

As noted previously, we have again included information on selected hospital characteristics such as the number of beds, occupancy rate, ownership, staffing, and specialty services. This information was obtained from the American Hospital Association's (AHA) 1990 Annual Survey of Hospitals, with the exception of the case mix index (CMI), which was derived from HCFA billing data. This file consists of information voluntarily reported by hospitals to the AHA. In instances where AHA data were unavailable, for example for hospitals that did not respond to the AHA survey, we derived the information from HCFA's Online Survey, Certification and Reporting system (OSCAR). The hospital characteristics and the specific special services listed were selected with the concurrence of the AHA as being those most meaningful to the Medicare population. Information on these specific data elements follows.

### *AHA Definitions (except for CMI)*

**Survey and Year** — AHA 1990. Source is the American Hospital Association's 1990 Annual Survey of Hospital files.

### Profile

***Total beds (#)*** — Number of beds (including subacute beds), cribs, and pediatric and neonatal bassinets regularly maintained (set up, staffed, and ready for use) for inpatients as of the close of the reporting period; does not include bassinets for normal newborn infants.

***Occupancy rate (percent)*** — Ratio of average daily census to the average number of beds (statistical beds) maintained during the 12-month reporting period. (NOTE: The number of these "statistical beds" may differ from the bed count at the close of the reporting period.)

***Ownership/control*** — State government, local government, district/authority, church, private nonprofit, private for profit, or Federal Government.

***Medicare discharges*** — The total number of inpatient discharges for Medicare patients for those hospitals selected for the mortality calculations, including all discharges for persons with more than one hospitalization during the year. (The mortality data include only one randomly selected discharge for each hospitalized enrollee. Therefore, this figure may reflect more discharges than the actual number of cases randomly selected for the mortality study.)

*Case mix index (CMI)* — A measure of the overall complexity of the Medicare cases treated by a given hospital compared to the complexity of the national average case mix. The CMI represents the relative costliness of each hospital's mix of cases compared to the national average mix of cases. A CMI of greater than one means that a hospital treats more complex cases than average. A CMI of less than one means that a hospital treats less complex cases than average. The CMI for each hospital is calculated on an annual basis. In this report, the CMI presented for each hospital is calculated based on its discharges in FY 1990.

A hospital's CMI is calculated by multiplying the number of cases in each DRG by the relative weight of that DRG, summing the products, and dividing the sum by the total number of cases for the year. For calculating the FY 1990 CMI, use the DRG relative weights published in the *Federal Register*, Volume 54, Number 169, pages 36468 ff., dated September 1, 1989.

## Staffing (all AHA counts are as of 9/30/90)

***Total number of physicians*** — Total active and associate medical staff.

***Percent of physicians who are board-certified specialists*** — Physicians who have passed an examination given by a medical specialty board and have been certified by that board as a specialist.

***Medical residents/interns*** — Full-time equivalent (FTE) medical residents or interns.

***Registered nurses*** — Full-time equivalent (FTE) registered nurses.

***Licensed practical nurses*** — Full-time equivalent (FTE) licensed practical nurses.

## Specialty Services

*Burn Unit* — Provides more intensive care to severely burned patients than the usual acute nursing care provided in medical and surgical units. Beds must be set up and staffed in a unit specifically designated for this service.

*Cardiac Intensive Care* — Provides patient care of a more specialized nature than the usual medical and surgical care, on the basis of physicians' orders and approved nursing care plans. The unit is staffed with specially trained nursing personnel, and contains monitoring and specialized support or treatment equipment for patients who, because of heart seizure, open-heart surgery, or other life-threatening conditions, require intensified, comprehensive observation and care. May include myocardial infarction, pulmonary care, and heart transplant units. Beds must be set up and staffed in a unit(s) specifically designated for this service.

*Comprehensive Geriatric* — Provides diagnostic and evaluation services that determine elderly patients' long-term care needs. It includes the assessment of medical conditions, functional activities, and mental and emotional conditions, and incorporates these into a treatment plan which includes family and financial concerns as well as medical needs.

*Hospice Care* — A program providing primarily medical relief of pain and support services to terminally ill patients and assistance to their families in adjusting to the patients' illness and death.

*Medical/Surgical Intensive Care* — Provides nursing care to adult and/or pediatric patients of a more intensive nature than the usual medical, surgical, pediatric, and/or psychiatric care on the basis of physicians' orders and approved nursing care plans. Included are medical-surgical, pediatric, and psychiatric (isolation) units. These units are staffed with specially trained nursing personnel, and contain monitoring and specialized support equipment for patients who, because of shock, trauma, or life-threatening conditions, require intensified, comprehensive observation and care. These units may also include cardiac care when such services are not approved in a distinct cardiac care unit. This category is called "intensive care unit" in OSCAR.

*Organ/Tissue Transplant* — The hospital has the necessary staff and equipment to perform the surgical removal of a viable human organ or tissue from a donor, either living or deceased, and the surgical grafting of the organ/tissue to a suitably evaluated and prepared patient.

*Other Intensive Care* — Provides nursing care to adult and/or pediatric patients with a specialized disease or condition of a more intensive nature than the usual medical, surgical, pediatric, and/or psychiatric care on the basis of physicians' orders and approved nursing care plans. Examples reported include oncology or spinal cord injuries. These units are staffed with specially trained nursing personnel and contain monitoring and specialized support equipment appropriate for the patients' specialized conditions.

*Trauma Center* — Provides emergency and specialized intensive care to critically injured patients.

## Other Specialty/Hospital-Based Services

***Alcohol/Drug*** — Hospital services for the medical care and/or rehabilitative treatment of outpatients whose primary diagnosis is alcoholism or other chemical dependency.

***Rehabilitation*** — A unit having designated beds and providing a comprehensive array of multidisciplinary medical rehabilitation services.

***Psychiatric*** — Care provided to emotionally disturbed, chronically mentally ill, mentally disordered, or other mentally incompetent patients on the basis of physicians' orders and approved nursing care plans. Beds must be set up and staffed in units specifically designated for this service.

***Medicare Swing Beds*** — The hospital is certified by Medicare to provide "swing bed" services; that is, some acute care beds can be used for skilled nursing facility type care in the hospital for Medicare purposes.

## *OSCAR Definitions (except for CMI)*

**Survey and Year** — HCFA, most recent year. Data were derived from the Online Survey, Certification and Reporting System (OSCAR).

### Profile

***Total beds (#)*** — Total number of operational beds eligible for Medicare payment.

***Ownership/control*** — Church; private, nonprofit; other nonprofit; proprietary; Federal Government; State government; local government; and hospital district or authority.

***Case mix index (CMI)*** — See definition shown in AHA "Profile" section.

### Staffing

***Medical residents/interns*** — Full-time equivalent (FTE) medical residents or interns.

***Registered nurses*** — Full-time equivalent (FTE) registered nurses.

***Licensed practical nurses*** — Full-time equivalent (FTE) licensed practical nurses.

## Specialty Services

*NOTE:* There are no specific definitions of specialty services in OSCAR. Characteristics are self-reported by each hospital at initial Medicare certification and recertification, and are generally understood to parallel the explicit AHA definitions (above). The AHA categories "comprehensive geriatric" and "other intensive care" are not available in OSCAR. However, they may be included in the OSCAR category of other specialty services (not shown in table).

*Coronary Care* — See definition shown in AHA "Specialty Services" section.

*Intensive Care Unit* — See definition shown in AHA "Specialty Services" section. These units may also include other intensive care units in OSCAR reporting.

*Organ Transplant* — See definition shown in AHA "Organ/Tissue Transplant" section. May include tissue transplants because there is not a separate field in OSCAR for these services.

# TECHNICAL INFORMATION

## DATA SOURCES

The data analyzed in this report are obtained from the Medicare Provider Analysis and Review (MEDPAR) file for the fiscal years 1987-1990, which contains information on the hospital stays of Medicare beneficiaries. The principal sources of data for this file are the bills (known as HCFA-1450 or UB-82) submitted by the hospitals to HCFA through fiscal intermediaries. The MEDPAR file also contains data about the beneficiaries, such as age, sex, and date of death, which are obtained from the Social Security Administration, the Railroad Retirement Board, or the Office of Personnel Management.

Hospital stays with discharges in fiscal years 1988, 1989, and 1990 were used in these analyses. Hospital stays in 1987 were used only to characterize the prior admissions of the patients in the 1987 cohort. Only acute care hospital stays in short-term (general and specialty) hospitals were selected. These hospitals have a “0” in the third position of their Medicare provider number. Hospital stays in institutions (designated by a “9” in the fourth position of the provider number) and hospital stays in psychiatric units, rehabilitation units, swing-beds and alcohol/drug units (with “special unit codes” of S, T, U and V, respectively, in the third position) were excluded.

## THE MORTALITY MODEL

For each beneficiary in each year one hospitalization was selected at random. Choosing a specific hospitalization is necessary to avoid multiple counting of the same death for that year. Selecting a random hospitalization instead of the first or last in the year produces mortality rates that are more representative of the rates that a hospital might calculate for its patients. Also, the mortality rates based on this random selection process reflect an intermediate position between the rates produced by the alternatives.

The selected hospital stays were analyzed separately by analytical category. The analytical categories were created by grouping ICD-9-CM diagnosis codes that had similar mortality patterns. The procedures for creating the analytical categories and the groups of ICD-9-CM diagnosis codes that defined them are detailed in the Technical Supplement.

The mortality experience of the patients was evaluated as a function of time within 365 days of the admission. The factors included in the mortality model used to evaluate each patient’s probabilities of death are given in Table 3. They consist of demographic characteristics (age and sex), major comorbidities (chronic diseases likely to have been present at admission and believed to complicate management and increase the likelihood of an adverse outcome), prior admissions (grouped into five risk or severity levels) within the 6 months preceding the admission evaluated, admission type (emergent, elective, etc.), and admission source (referral from the physician's office, the nursing facility, etc.). The specific reason for the admission (the principal diagnosis) and the performance of selected surgical procedures were additional factors used in the estimation of the predicted probability of death (see below).

The observed mortality rate for a hospital was calculated by means of the lifetable method ("The LIFETEST Procedure," Chapter 22, SAS User's Guide: Statistics, Version 5 Edition, pages 529-557).

## ANALYTIC TECHNIQUES

A time-to-event or survival model with explanatory or concomitant variables was used to ascertain the influence of the patient characteristics listed above on the probability of death. A feature of such a model is allowance for "right censored" observations. Generally, these are events or outcomes which would have occurred but for some interference that prevents further observation. In the present analysis, "right censoring" occurs when a patient is withdrawn alive from the study April 1, 1991 or at the end of the followup period of 365 days.

The survival function, S(t), is one of several equivalent ways of expressing the model. Another form uses the cumulative distribution function or the mortality function

$$F(t) = 1 - S(t).$$

Another useful formulation of these models is the hazard function, h(t), also known as the force of mortality or risk function. The hazard is the rate of decrease in the number of survivors relative to the number of survivors at a specific time. Mathematically, the hazard function is

$$h(t) = -\frac{1}{S(t)}\frac{dS(t)}{dt} = -\frac{d\ln(S(t))}{dt}.$$

The probability density function, f(t), commonly used in statistical texts can be expressed as follows:

$$f(t) = \frac{dF(t)}{dt} = h(t)S(t).$$

The area under the survival curve is the expected value for t. In some cases, the area under the survival curve is restricted to an interval $0\text{-}t_1$ where $t_1$ might be one year, for example.

The specific time-to-event or survival model used in the present analysis is Bailey's modification of the Makeham model. The survival function for the Bailey-Makeham model is

$$S(t) = \exp\left\{-\delta t - \left(\frac{\alpha}{\gamma}\right)(1 - \exp(-\gamma t))\right\}$$

where

$$\alpha = \exp(\alpha_0+\alpha_1 x_1+\ldots+\alpha_i x_i+\ldots+\alpha_k x_k)$$
$$\gamma = \exp(\gamma_0+\gamma_1 x_1+\ldots+\gamma_i x_i+\ldots+\gamma_k x_k)$$
$$\delta = \exp(\delta_0+\delta_1 x_1+\ldots+\delta_i x_i+\ldots+\delta_k x_k)$$

are the expressions for each of the structural parameters $\alpha$, $\gamma$, and $\delta$ in terms of the k concomitant variables $x_i$ and their associated component parameters $\alpha_i$, $\gamma_i$, and $\delta_i$ for i=1, 2,..., k and three intercepts or component parameters $\alpha_0$, $\gamma_0$, and $\delta_0$. The structural parameter $\delta$ is the long-term risk which is approached as $t \to \infty$. The structural parameter $\alpha$ is the initial excess risk which decays with rate constant $\gamma$.

For the survival function given above, the risk or hazard function has an especially tractable form of an exponential decay which approaches a long-term risk, $\delta$. The hazard function corresponding to the survival function above is

$$h(t) = \alpha\exp(-\gamma t) + \delta \,.$$

The estimation of the component parameters was carried out in a series of steps in which those covariates which had estimable and statistically significant ($p<0.05$) influences of the probability of death were identified for inclusion in the model. As the model for each of the 23 risk categories was estimated separately, different lists of covariates were used for the final core models.

This first step was followed by the estimation of the additional contribution of specific principal diagnoses in each risk category. In these analyses, the effects of the patient characteristics included in the core models were corrected for. Only those principal diagnoses were retained which were estimable and had more than 900 cases (more than 300 for codes identified by year). Similarly, after adjustment for the effects of both the variables in the core model and the principal diagnoses, correction terms were calculated to estimate the additional information about the probability of death associated with the categorization of the patients into the clinical groups used for the presentation of the data in the mortality tables (see below). These correction terms were negligible for the medical categories but substantial for the surgical categories.

Once the component parameters or regression coefficients $\alpha_i$, $\gamma_i$, and $\delta_i$ have been estimated, the predicted probability of patient death at any specified time after admission, 1-S(t), may be calculated for all individuals. To obtain the predicted mortality rate up to a given time for a hospital, it is then only necessary to average over the predicted probabilities of death of its patients to that time.

The analytical categories are useful for grouping the patients into relatively risk-homogeneous strata for the regressions. However, to gain insights into patterns of practice at hospitals, the data are presented for patients grouped into clinically meaningful medical and surgical categories. The 17 clinical categories used in the mortality tables and defined in Table 1 were identified by the Institute of Medicine as being of particular medical and epidemiologic interest.

## ESTIMATION OF THE STANDARD DEVIATION FOR PREDICTED MORTALITY

The standard deviation of the predicted mortality rate is used to assess how statistically different the observed mortality rate is from the rate predicted by the national experience with like patients. The standard deviation depends, in fact, on the variance of the residual or the difference between the observed, P, and predicted, $\hat{\Theta}$, mortality rates.

The residual has four components $V_1$, $V_2$, $V_3$, and $V_4$ where $V_1$ is the variance of the estimate of the predicted probability of death. This computationally intensive term was negligible for nearly all cases, compared to other components of variance. Consequently, this term was not included in the present analysis.

$V_2$ is the binomial variance for n patients

$$V_2 = \frac{\hat{\Theta}\left(1 - \hat{\Theta}\right)}{n}.$$

$V_3$ is the variation among hospitals not explained by the mortality regression models containing the patient characteristics described above.

$$V_3 = \widehat{\mathrm{Var}\left(\Theta\right)} = \left(1 - \frac{1}{n}\right) \widehat{M_2\left(\Theta\right)}$$

where

$$\widehat{M_2(\Theta)} = \left\{ \begin{pmatrix} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics and} \\ \text{adjustment for hospital effects} \end{pmatrix} - \begin{pmatrix} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics,} \\ \text{but omitting the hospital specific effects} \end{pmatrix} \right\}^2 \left(\frac{1}{z_p^2}\right)$$

The quantity $z_p$ corresponds to the statistical significance (p-value) of the hospital-specific effect.

$V_4$ is the variation not explained by the mortality regression models which each include, in addition, an indicator variable for the hospital:

$$V_4 = \left\{ \left(\text{Observed mortality}\right) - \begin{pmatrix} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics, and} \\ \text{adjustment for the hospital specific effects} \end{pmatrix} \right\}^2 .$$

(The regression coefficients of the indicator variable for the hospital are a measure of the influence on the probability of patient death of factors not otherwise specified in the model. These factors include severity of illness not adequately reported on by the patient characteristics deduced from the claims data and the hospital's pattern of practice; i.e., performance.)

The standard deviation given in the mortality tables is just

$$SD = \sqrt{V_2 + V_3 + V_4}.$$

## STANDARDIZED MORTALITY RATIO (SMR)

Another method of evaluating a hospital’s performance—the Standardized Mortality Ratio (SMR)—is obtained by dividing the observed mortality rate by the predicted mortality rate. An SMR of one means the observed and predicted mortality are equal. A ratio greater than one means the observed mortality exceeds the predicted. A ratio less than one means the observed mortality is less than expected. The more extreme the ratio (significantly greater than one indicating unusually high mortality and significantly less than one indicating unusually low mortality), the greater the attention which should be paid to the results of this mortality report.

For each of the conditions and procedures, selected percentiles for the observed distribution of the SMR are displayed in Table 4. The selected percentiles provide benchmarks for comparison. For example, for a hospital with 300 cases in the "All Causes" category, with observed mortality of 12.2 percent and predicted probability of 10.0 percent at 30 days, the standardized mortality ratio is

SMR = 12.2/10.0 = 1.22.

Note that an SMR of one means the observed and predicted mortality are equal, while a ratio greater than one means the observed mortality exceeds the predicted, and a ratio less than one means the observed mortality is less than expected. There will be greater interest in the more extreme ratios, either greater than one — excessively high mortality — or less than one — extremely low mortality.

From Table 4 for FY 1990, we find that the ratio is just below the 75th percentile of 1.23. Hence, slightly under 75 percent of the hospitals have an SMR less than that found at this hospital.

However, for a hospital with 900 cases in the "All Causes" category, with observed mortality of 19.3 percent and predicted probability of 10.0 percent at 30 days, the standardized mortality ratio is

SMR = 19.3/10.0 = 1.93.

Since the SMR of 1.93 is greater than the 97.5 percentile of 1.35 (Table 4 for 750 or more cases), there is cause for concern. To further assess this, we examine the displayed data in terms of the measure of uncertainty, the standard deviation.

## MEASURES OF UNCERTAINTY

In principle, to use the standard normal approximations to determine prediction intervals, an adjustment must be applied for the skewness and kurtosis inherent in a mortality rate when the rate is considerably less than 50 percent and the number of cases is small. Table 5 presents the multiplicative factors, based on the binomial distribution, for the standard deviation needed to construct prediction intervals for the mortality rates at confidence levels of 75, 95 and 99 percent. Because of the approximations involved in the estimation of the skewness and kurtosis corrections, their precision decreases as the number of cases and the mortality rate decrease; i.e., as the value of the correction increases. In addition, because of simplifications and approximations in the estimation of the standard deviation, the precision of the multiplicative factors given in Table 5 exceeds the precision of the estimate of the standard deviation. Hence, the following rule-of-thumb represents an adequate approximation to the factors in Table 5 and an adequate guide to the **statistical meaningfulness** of the difference between the observed and the predicted mortality rates.

To illustrate the use of Table 5, consider a hospital with 75 cases and a predicted mortality of 13.0 percent with a standard deviation of 5.0 percent. Overall, for hospitals with patients with characteristics similar to those of this hospital, we would expect the actual or observed mortality rate to lie, 95 percent of the time, either between 13.0 percent and 22.9 percent if the actual is larger than the predicted, or between 3.3 percent and 13.0 percent if the actual is less than the predicted. That is because 22.9 percent = 13.0 percent + 1.98 x 5.0 percent, the factor 1.98 having been read from the section of Table 5 with the heading "95 Percent Prediction Interval" and "Factor for Upper Bound," the row "75" for the number of cases, and, by interpolation, between the "10 percent" and the "20 percent" predicted mortality rate columns. Similarly, 3.3 percent = 13.0 percent - 1.94 x 5.0 percent, the factor -1.94 having been read from the section of Table 5 with the heading "95 Percent Prediction Interval" and "Factor for Lower Bound" and the corresponding row and columns.

Therefore, in comparing the actual and predicted rates, more attention should be given to the hospital whose observed mortality rate lies beyond the bounds calculated for the 99 percent prediction interval than to the hospital whose observed mortality rate lies only beyond the bounds calculated for the 95 percent prediction interval. Likewise, more attention should be given to that hospital than to the hospital whose observed mortality rate lies only beyond the bounds calculated for the 75 percent prediction interval.

For the graphs, the observed mortality and an approximate 95 percent prediction interval are displayed. The prediction interval has bounds at the predicted mortality plus 2 times the standard deviation and at the predicted minus 2 times the standard deviation.

In the mortality rate tables, the observed and predicted mortality rates and the standard deviation as a measure for statistical importance of the difference are displayed for the overall and each of the conditions and procedures.

## HOW TO OBTAIN MEDICARE HOSPITAL INFORMATION

The publication has been widely distributed to State health organizations and hospital and medical associations. The publication is available to the public for purchase in 55 volumes, with each volume being sold separately through the Government Printing Office (GPO). More detailed information about the purchase of this publication may be obtained by contacting:

Superintendent of Documents
Government Printing Office
Washington, D.C. 20402
Telephone: (202) 783-3238

As in prior years, the information appearing in the Medicare Hospital Information report is available in machine-readable/electronic format (tape and diskette). The Medicare Hospital Information public use file provides the published information as contained in the 55-volume hardcopy publication, except that the AHA's hospital characteristics are not on this file. Hospital characteristics from HCFA files (OSCAR) are provided instead. The files contain additional information which is useful for supplemental analyses: averages by hospital, MSA, and State for each of the variables used in the model, mortality rates for 15, 30, 60, 90 and 180 days, and cross-reference files which relate State, MSA, and ICD-9-CM codes used to a name. These data should allow analysts to assess an individual hospital's performance in comparison to all hospitals in the State or applicable MSA.

Also available to **hospitals** in machine-readable format is their patient-specific data that were used in the report. These data include the patient variables used in the analysis (e.g., the number and severity level of prior hospitalizations considered by the methodology, admission source and type, etc.) and the predicted probability of death at each time interval for each individual included in the study. With these data it is possible for hospitals to better understand their statistics. **Due to confidentiality considerations, requests for patient-specific data must be forwarded on hospital letterhead, must include the institution's Medicare provider number, and must be signed by the hospital administrator.**

For information about obtaining Medicare Hospital Information electronic media data, please contact HCFA's Bureau of Data Management and Strategy at:

Health Care Financing Administration
Bureau of Data Management and Strategy
Office of Statistics and Data Management
3-A-10 Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207
Telephone: (410) 597-5151

# Table 1

# DIAGNOSTIC AND PROCEDURE CATEGORIES

The following lists the ICD-9-CM diagnostic and procedure codes used to classify and group patients for presentation

| CONDITION/PROCEDURE | ICD-9-CM CODES<br>*(D)=Diagnosis code*<br>*(P)=Procedure code* |
|---|---|
| **Heart Disorders/Procedures** | |
| Acute Myocardial Infarction (AMI) | All of 410 (D) (on 10/1/89 exclude 410 with 5th digit of a 2) |
| *Note:* | *For code 410 a 5th digit was added on October 1, 1989.* |
| Congestive Heart Failure (CHF) | 398.91, 402.01, 402.11, 402.91, 428.0, 428.1, 428.9 (all D) |
| Angioplasty (ANGPLSTY) | All of 36.0 (P) excluding 36.00, 36.03, 36.04, 36.09 (all P) |
| *Note:* | *Code 36.0 had a 4th digit added on October 1, 1986. Code 36.0 got digits of 0, 1, 2, 3, and 9, and code 36.04 got some previously coded cases of 39.97. On October 1, 1987, code 36.01 was divided into 36.01 and 36.05, and some cases from 36.02 were put into 36.05.* |
| Coronary Artery Bypass Graft (CABG) | All of 36.1(P) and not Angioplasty (see above) |
| Pacemaker Insertion, Initial (PACE) | 37.73, 37.74, 37.75, 37.77 (after 10/1/87 use 37.70 through 37.73) (all P) |
| *Note:* | *Code 37.70 was restructured on October 1, 1987. Previously the code contained both leads and devices. On October 1 these were separated and devices were coded as 37.80 through 37.83, and codes for the leads were changed into various 37.70 codes.* |

| CONDITION/PROCEDURE | **ICD-9-CM CODES**<br>*(D)=Diagnosis code*<br>*(P)=Procedure code* |
|---|---|
| **Pulmonary Disorders** | |
| Pneumonia/Influenza<br>(PNU) | All of 480, all of 481, 482.2, 482.3, 482.9, 483, 485, 486, 487.0 (all D) |
| Chronic Obstructive Pulmonary<br>(COPD) | All of 491, all of 492, all of 494, Disease all of 496; and 466.0, 518.82, 518.5, and 786.09 when there is a secondary diagnosis of any 496 (all D) |

*Note:* *Code 518.8 got a 5th digit on October 1, 1987. Some cases from 799.1 were put into codes 518.81 and 518.82.*

| | |
|---|---|
| **Cerebrovascular Disorders/Procedures** | |
| Transient Cerebral Ischemia<br>(TCI) | 433.1, 433.3, 435 (D) and exclude those patients with an endarterectomy at the time of admission—38.12(P) |
| Stroke<br>(STK) | 431, 434 through 434.9, 436 (all D) |
| Carotid Endarterectomy<br>(ENDART) | 38.12 (P) with 433.1 (D); 433.3 (D) or 435(D) as a principal diagnosis |
| **Musculoskeletal Disorders/Procedures** | |
| Fracture of Neck of Femur<br>(FXHIP) | All of 820 (D) |
| Hip Replacement/Revision<br>(HIPREP) | 81.5, 81.6 (exclude 81.69) (all P). On 10/1/89 code 81.51 (P) through 81.53 (P) with same diagnoses. |
| Open Reduction of Fractured Femur<br>(OPRDUX) | 79.35(P) on condition of 820 (D) as principal diagnosis |

| CONDITION/PROCEDURE | ICD-9-CM CODES<br>*(D)=Diagnosis code*<br>*(P)=Procedure code* |
|---|---|
| **Genitourinary Disorders/Procedures** | |
| Prostatectomy<br>(PROS) | 60.2, 60.3 through 60.69 (all P) |
| Hysterectomy<br>(HYS) | 68.3 through 68.7 (P) |
| **Gastrointestinal Disorders/Procedures** | |
| Cholecystectomy<br>(CHOLOTMY) | 51.22 (P) |
| **Sepsis** | |
| Sepsis | 003.1, 020.2, 022.3, 036.2, 036.3, 036.89, 036.9, 038.0, 038.1, 038.2, 038.3, 038.40, 038.41, 038.42, 038.43, 038.44, 038.49, 038.8, 038.9, 054.5 |

# Table 2

## COMORBIDITY CONDITIONS

(all are D codes)

| COMORBIDITY | ICD-9-CM CODES |
|---|---|
| Cancer | 141-160.9, 162-172.9, 174-208.91 |
| Chronic cardiovascular disease | 412-414.9, 426-429.1 |
| Chronic liver disease | 571-572.8 |
| Chronic renal disease | 582-583.9, 585-587, 403.01, 403.11, 403.91, 404.02, 404.03, 404.12, 404.13, 404.92, 404.93 |
| Chronic diabetes | 250.01, 250.1-250.91 |
| Chronic pulmonary disease | 491-493.91, 496 |
| Cerebrovascular degeneration | 290-290.9, 294-299.9 |

# Table 3

## EXPLANATORY VARIABLES FOR THE MORTALITY MODEL

Generally the same variables are used for all diagnostic categories.

**Demographics**

| | |
|---|---|
| SXFM | An indicator variable: = 1 if Female, 0 otherwise |
| AGEFM = AGESP | if SXFM = 1, 0 otherwise |
| AGEML = AGESP | if SXFM = 0, 0 otherwise |

where

$$\text{AGESP} = \text{sign}\,(\text{W-65})\left(\left|\frac{\text{W-65}}{65}\right|\right)^{1.44}$$

and

$$\text{W} = \left\{\begin{array}{c} 23 \text{ if AGE} \leq 23 \\ \text{AGE if } 23 < \text{AGE} < 100 \\ 100 \text{ if } 100 \leq \text{AGE} \end{array}\right\}$$

(Indicator variables = 1 if comorbidity present on current or prior admission with discharge within 6 months prior to current admission, 0 otherwise)

| **Comorbidities** | | **ICD-9-CM Codes** |
|---|---|---|
| CCA | Cancer | 141-160.9, 162-172.9, 174-208.91 |
| CCV | Chronic cardiovascular disease | 412-414.9, 426-429.1 |
| CLV | Chronic liver disease | 571-572.8 |
| CRN | Chronic renal disease | 582-583.9, 585-587, 403.01, 403.11, 403.91, 404.02, 404.03, 404.12, 404.13, 404.92, 404.93 |
| CDI | Chronic diabetes | 250.01, 250.1-250.91 |
| COP | Chronic pulmonary disease | 491-493.91, 496 |
| CCE | Cerebrovascular degeneration | 290-290.9, 294-299.9 |

## Co Occurrence of Comorbidities

| | |
|---|---|
| COP_CCV | 1 if COP = 1 and CCV = 1, 0 otherwise |
| CCA_CCV | 1 if CCA = 1 and CCV = 1, 0 otherwise |
| COP_CCA | 1 if COP = 1 and CCA = 1, 0 otherwise |
| CCE_CCV | 1 if CCE = 1 and CCV = 1, 0 otherwise |
| CRN_CCV | 1 if CRN = 1 and CCV = 1, 0 otherwise |

## Admission Sources and Types

(Indicator variables = 1 if source or type present, 0 otherwise)

| | |
|---|---|
| PREF | Patient referred by personal or HMO physician |
| TRSNF | Patient transferred from skilled nursing facility |
| ELCT | Patient admitted for elective procedure |
| EMRG | Patient admitted for emergency |

## Co-Occurrence of Admission Source and Type

PREF_ELEC = 1 if PREF = 1 and ELCT = 1, 0 otherwise

## Previous Hospitalizations

| | |
|---|---|
| P_RISK1 | Number at 1st risk level with 3 or more set to 3 |
| P_RISK2 | Number at 2nd risk level with 3 or more set to 3 |
| P_RISK3 | Number at 3rd risk level with 3 or more set to 3 |
| P_RISK4 | Number at 4th risk level with 4 or more set to 4 |
| P_RISK5 | Number at 5th risk level with 3 or more set to 3 |
| F(T) | Probability of death from previous admission if discharge within 182 days of current admission, 0 otherwise |

## Time Trend

| | |
|---|---|
| FLAG89 | 1 if discharge in FY1989, 0 otherwise |
| FLAG90 | 1 if discharge in FY1990, 0 otherwise |
| INYEAR | Difference between current admission date and April 1 of fiscal year of discharge |

# TABLE 4
## SMR DISTRIBUTION FOR HOSPITALS WITH GREATER THAN 50 CASES
## 1990 STUDY, FY1990

| CONDITIONS/PROCEDURES | NUMBER OF HOSPITALS | 30 DAYS | | | | | 90 DAYS | | | | | 180 DAYS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2.5% | 25% | 50% | 75% | 97.5% | 2.5% | 25% | 50% | 75% | 97.5% | 2.5% | 25% | 50% | 75% | 97.5% |
| OVERALL( < 750 CASES ) | 2645 | 0.45 | 0.88 | 1.04 | 1.23 | 1.72 | 0.56 | 0.90 | 1.03 | 1.17 | 1.54 | 0.61 | 0.90 | 1.02 | 1.15 | 1.46 |
| OVERALL( >= 750 CASES) | 2684 | 0.73 | 0.91 | 0.99 | 1.09 | 1.35 | 0.79 | 0.94 | 1.01 | 1.09 | 1.28 | 0.82 | 0.94 | 1.01 | 1.08 | 1.24 |
| CONDITIONS | | | | | | | | | | | | | | | | |
| AMI | 1405 | 0.54 | 0.80 | 0.95 | 1.11 | 1.42 | 0.62 | 0.86 | 0.99 | 1.14 | 1.44 | 0.63 | 0.86 | 0.99 | 1.13 | 1.39 |
| CHF | 2335 | 0.43 | 0.79 | 0.98 | 1.17 | 1.64 | 0.60 | 0.85 | 0.99 | 1.13 | 1.49 | 0.66 | 0.89 | 1.00 | 1.13 | 1.41 |
| PNEUMONIA/INFLUENZA | 2428 | 0.41 | 0.78 | 0.97 | 1.18 | 1.68 | 0.53 | 0.84 | 1.00 | 1.17 | 1.55 | 0.57 | 0.86 | 1.01 | 1.16 | 1.50 |
| COPD | 435 | 0.00 | 0.63 | 0.97 | 1.34 | 2.06 | 0.30 | 0.78 | 1.02 | 1.26 | 1.74 | 0.40 | 0.82 | 1.01 | 1.24 | 1.69 |
| TRANS. CEREBRAL ISCHEMIA | 404 | 0.00 | 0.00 | 0.83 | 1.34 | 3.20 | 0.00 | 0.48 | 0.85 | 1.31 | 2.27 | 0.21 | 0.60 | 0.90 | 1.21 | 2.05 |
| STROKE | 1789 | 0.53 | 0.79 | 0.95 | 1.13 | 1.56 | 0.61 | 0.84 | 0.98 | 1.13 | 1.47 | 0.65 | 0.87 | 0.99 | 1.12 | 1.42 |
| HIP FRACTURE | 1199 | 0.21 | 0.67 | 0.93 | 1.27 | 2.10 | 0.40 | 0.76 | 0.94 | 1.19 | 1.80 | 0.47 | 0.78 | 0.97 | 1.16 | 1.64 |
| SEPSIS | 254 | 0.51 | 0.79 | 0.96 | 1.12 | 1.50 | 0.65 | 0.86 | 0.99 | 1.13 | 1.47 | 0.69 | 0.89 | 1.01 | 1.15 | 1.44 |
| PROCEDURES | | | | | | | | | | | | | | | | |
| ANGIOPLASTY | 425 | 0.00 | 0.49 | 0.89 | 1.33 | 2.66 | 0.00 | 0.60 | 0.93 | 1.36 | 2.34 | 0.00 | 0.63 | 0.97 | 1.34 | 2.14 |
| CABG | 556 | 0.20 | 0.68 | 1.03 | 1.39 | 2.45 | 0.28 | 0.73 | 1.00 | 1.32 | 2.09 | 0.28 | 0.73 | 1.01 | 1.30 | 2.10 |
| PACEMAKER | 112 | 0.00 | 0.41 | 0.72 | 1.37 | 3.25 | 0.20 | 0.61 | 0.90 | 1.21 | 2.17 | 0.21 | 0.65 | 0.84 | 1.16 | 1.87 |
| CAROTID ENDARTERECTOMY | 73 | 0.00 | 0.00 | 0.85 | 1.33 | 2.90 | 0.00 | 0.14 | 0.74 | 1.28 | 2.43 | 0.00 | 0.42 | 0.86 | 1.38 | 2.86 |
| HIP REPLACEMENT | 763 | 0.00 | 0.53 | 0.94 | 1.44 | 2.77 | 0.19 | 0.67 | 0.96 | 1.31 | 2.12 | 0.26 | 0.71 | 0.94 | 1.26 | 1.91 |
| REDUCT. OF HIP FRACTURE | 276 | 0.00 | 0.56 | 0.86 | 1.22 | 2.05 | 0.31 | 0.68 | 0.92 | 1.19 | 1.76 | 0.38 | 0.77 | 0.96 | 1.12 | 1.58 |
| PROSTATECTOMY | 1576 | 0.00 | 0.00 | 0.73 | 1.57 | 3.56 | 0.00 | 0.49 | 0.91 | 1.40 | 2.63 | 0.00 | 0.57 | 0.92 | 1.29 | 2.21 |
| CHOLECYSTECTOMY | 714 | 0.00 | 0.49 | 0.95 | 1.54 | 2.68 | 0.00 | 0.62 | 0.93 | 1.37 | 2.22 | 0.22 | 0.67 | 0.98 | 1.27 | 1.93 |
| HYSTERECTOMY | 113 | 0.00 | 0.00 | 0.00 | 2.00 | 6.69 | 0.00 | 0.00 | 0.76 | 1.70 | 3.59 | 0.00 | 0.24 | 0.75 | 1.27 | 2.91 |

## TABLE 4
## SMR DISTRIBUTION FOR HOSPITALS WITH GREATER THAN 50 CASES
## 1990 STUDY, FY1989

| CONDITIONS/PROCEDURES | NUMBER OF HOSPITALS | 30 DAYS |  |  |  |  | 90 DAYS |  |  |  |  | 180 DAYS |  |  |  |  |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  |  | 2.5% | 25% | 50% | 75% | 97.5% | 2.5% | 25% | 50% | 75% | 97.5% | 2.5% | 25% | 50% | 75% | 97.5% |
| OVERALL( < 750 CASES ) | 2746 | 0.50 | 0.87 | 1.04 | 1.23 | 1.73 | 0.58 | 0.89 | 1.03 | 1.17 | 1.54 | 0.61 | 0.89 | 1.01 | 1.14 | 1.44 |
| OVERALL( >= 750 CASES) | 2669 | 0.71 | 0.90 | 1.00 | 1.09 | 1.35 | 0.79 | 0.94 | 1.01 | 1.08 | 1.28 | 0.82 | 0.95 | 1.01 | 1.07 | 1.24 |
| CONDITIONS |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| AMI | 1412 | 0.53 | 0.81 | 0.96 | 1.12 | 1.47 | 0.59 | 0.86 | 1.01 | 1.15 | 1.47 | 0.63 | 0.87 | 1.00 | 1.14 | 1.43 |
| CHF | 2293 | 0.47 | 0.80 | 0.97 | 1.18 | 1.69 | 0.58 | 0.86 | 1.00 | 1.14 | 1.48 | 0.66 | 0.89 | 1.02 | 1.14 | 1.40 |
| PNEUMONIA/INFLUENZA | 2179 | 0.45 | 0.77 | 0.97 | 1.19 | 1.67 | 0.54 | 0.85 | 1.01 | 1.18 | 1.55 | 0.60 | 0.86 | 1.02 | 1.18 | 1.51 |
| COPD | 324 | 0.21 | 0.68 | 0.99 | 1.32 | 2.13 | 0.44 | 0.78 | 1.04 | 1.27 | 1.91 | 0.49 | 0.84 | 1.04 | 1.24 | 1.66 |
| TRANS. CEREBRAL ISCHEMIA | 420 | 0.00 | 0.00 | 0.79 | 1.41 | 3.26 | 0.00 | 0.46 | 0.88 | 1.33 | 2.36 | 0.18 | 0.60 | 0.92 | 1.25 | 1.97 |
| STROKE | 1728 | 0.53 | 0.80 | 0.95 | 1.12 | 1.56 | 0.62 | 0.85 | 0.97 | 1.11 | 1.46 | 0.67 | 0.88 | 0.99 | 1.13 | 1.40 |
| HIP FRACTURE | 1126 | 0.24 | 0.67 | 0.95 | 1.30 | 2.04 | 0.39 | 0.75 | 0.98 | 1.21 | 1.71 | 0.46 | 0.78 | 0.97 | 1.18 | 1.59 |
| SEPSIS | 174 | 0.52 | 0.79 | 0.94 | 1.10 | 1.52 | 0.63 | 0.88 | 1.02 | 1.15 | 1.46 | 0.68 | 0.93 | 1.05 | 1.16 | 1.43 |
| PROCEDURES |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| ANGIOPLASTY | 370 | 0.00 | 0.46 | 0.84 | 1.35 | 2.55 | 0.00 | 0.55 | 0.88 | 1.33 | 2.52 | 0.00 | 0.61 | 0.94 | 1.32 | 2.44 |
| CABG | 501 | 0.21 | 0.65 | 1.00 | 1.47 | 2.57 | 0.23 | 0.69 | 1.00 | 1.33 | 2.29 | 0.32 | 0.74 | 1.01 | 1.33 | 2.21 |
| PACEMAKER | 91 | 0.00 | 0.52 | 0.74 | 1.12 | 2.31 | 0.00 | 0.56 | 0.83 | 1.15 | 2.14 | 0.20 | 0.68 | 0.81 | 1.16 | 1.87 |
| CAROTID ENDARTERECTOMY | 55 | 0.00 | 0.00 | 0.82 | 1.51 | 5.01 | 0.00 | 0.47 | 0.86 | 1.31 | 4.00 | 0.00 | 0.43 | 0.85 | 1.28 | 3.12 |
| HIP REPLACEMENT | 686 | 0.00 | 0.52 | 0.92 | 1.44 | 2.46 | 0.00 | 0.65 | 0.94 | 1.27 | 1.95 | 0.21 | 0.67 | 0.94 | 1.19 | 1.75 |
| REDUCT. OF HIP FRACTURE | 246 | 0.19 | 0.57 | 0.91 | 1.23 | 1.96 | 0.31 | 0.71 | 0.96 | 1.19 | 1.74 | 0.41 | 0.78 | 0.96 | 1.13 | 1.53 |
| PROSTATECTOMY | 1570 | 0.00 | 0.00 | 0.67 | 1.50 | 3.46 | 0.00 | 0.47 | 0.86 | 1.36 | 2.67 | 0.00 | 0.58 | 0.93 | 1.28 | 2.15 |
| CHOLECYSTECTOMY | 680 | 0.00 | 0.53 | 0.94 | 1.53 | 2.90 | 0.00 | 0.62 | 0.97 | 1.36 | 2.15 | 0.22 | 0.66 | 0.95 | 1.26 | 1.98 |
| HYSTERECTOMY | 101 | 0.00 | 0.00 | 0.00 | 1.80 | 5.44 | 0.00 | 0.00 | 0.78 | 1.60 | 4.21 | 0.00 | 0.00 | 0.91 | 1.38 | 2.99 |

## TABLE 4
## SMR DISTRIBUTION FOR HOSPITALS WITH GREATER THAN 50 CASES
## 1990 STUDY, FY1988

| CONDITIONS/PROCEDURES | NUMBER OF HOSPITALS | 30 DAYS | | | | | 90 DAYS | | | | | 180 DAYS | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2.5% | 25% | 50% | 75% | 97.5% | 2.5% | 25% | 50% | 75% | 97.5% | 2.5% | 25% | 50% | 75% | 97.5% |
| OVERALL( < 750 CASES ) | 2838 | 0.46 | 0.89 | 1.05 | 1.23 | 1.75 | 0.54 | 0.90 | 1.03 | 1.16 | 1.57 | 0.59 | 0.90 | 1.02 | 1.14 | 1.45 |
| OVERALL( >= 750 CASES) | 2693 | 0.73 | 0.90 | 1.00 | 1.10 | 1.35 | 0.79 | 0.94 | 1.01 | 1.09 | 1.27 | 0.82 | 0.95 | 1.01 | 1.08 | 1.24 |
| CONDITIONS | | | | | | | | | | | | | | | | |
| AMI | 1414 | 0.56 | 0.82 | 0.96 | 1.12 | 1.41 | 0.63 | 0.87 | 1.01 | 1.14 | 1.42 | 0.65 | 0.89 | 1.00 | 1.13 | 1.39 |
| CHF | 2246 | 0.45 | 0.79 | 0.97 | 1.18 | 1.61 | 0.60 | 0.86 | 1.00 | 1.14 | 1.43 | 0.68 | 0.90 | 1.02 | 1.13 | 1.37 |
| PNEUMONIA/INFLUENZA | 2069 | 0.44 | 0.79 | 0.97 | 1.17 | 1.68 | 0.57 | 0.85 | 1.01 | 1.17 | 1.59 | 0.61 | 0.87 | 1.01 | 1.16 | 1.53 |
| COPD | 310 | 0.21 | 0.67 | 0.92 | 1.30 | 2.17 | 0.39 | 0.79 | 0.98 | 1.20 | 1.81 | 0.51 | 0.82 | 0.99 | 1.19 | 1.59 |
| TRANS. CEREBRAL ISCHEMIA | 495 | 0.00 | 0.00 | 0.84 | 1.48 | 2.94 | 0.00 | 0.48 | 0.92 | 1.39 | 2.28 | 0.21 | 0.60 | 0.92 | 1.27 | 1.92 |
| STROKE | 1726 | 0.51 | 0.79 | 0.95 | 1.12 | 1.56 | 0.60 | 0.84 | 0.98 | 1.13 | 1.44 | 0.64 | 0.88 | 1.00 | 1.13 | 1.42 |
| HIP FRACTURE | 1119 | 0.24 | 0.65 | 0.96 | 1.27 | 2.07 | 0.40 | 0.78 | 0.98 | 1.21 | 1.77 | 0.47 | 0.80 | 0.98 | 1.17 | 1.64 |
| SEPSIS | 133 | 0.58 | 0.77 | 0.92 | 1.08 | 1.64 | 0.56 | 0.86 | 1.00 | 1.13 | 1.54 | 0.67 | 0.88 | 1.02 | 1.14 | 1.53 |
| PROCEDURES | | | | | | | | | | | | | | | | |
| ANGIOPLASTY | 297 | 0.00 | 0.50 | 0.87 | 1.35 | 2.60 | 0.00 | 0.59 | 0.91 | 1.34 | 2.50 | 0.00 | 0.65 | 0.95 | 1.31 | 2.25 |
| CABG | 478 | 0.21 | 0.68 | 0.98 | 1.39 | 2.40 | 0.32 | 0.73 | 1.00 | 1.36 | 2.12 | 0.38 | 0.75 | 1.01 | 1.31 | 2.04 |
| PACEMAKER | 83 | 0.00 | 0.34 | 0.65 | 1.04 | 1.75 | 0.01 | 0.54 | 0.85 | 1.03 | 1.70 | 0.23 | 0.69 | 0.87 | 1.10 | 1.57 |
| CAROTID ENDARTERECTOMY | 69 | 0.00 | 0.00 | 0.60 | 1.23 | 3.30 | 0.00 | 0.33 | 0.62 | 1.09 | 2.50 | 0.00 | 0.44 | 0.68 | 1.16 | 1.87 |
| HIP REPLACEMENT | 670 | 0.00 | 0.49 | 0.95 | 1.40 | 2.65 | 0.00 | 0.66 | 1.01 | 1.31 | 2.15 | 0.24 | 0.70 | 0.96 | 1.24 | 1.87 |
| REDUCT. OF HIP FRACTURE | 259 | 0.00 | 0.61 | 0.91 | 1.26 | 2.16 | 0.38 | 0.74 | 0.96 | 1.21 | 1.94 | 0.44 | 0.77 | 0.96 | 1.16 | 1.79 |
| PROSTATECTOMY | 1619 | 0.00 | 0.00 | 0.78 | 1.53 | 3.69 | 0.00 | 0.54 | 0.92 | 1.39 | 2.57 | 0.00 | 0.61 | 0.93 | 1.30 | 2.21 |
| CHOLECYSTECTOMY | 642 | 0.00 | 0.50 | 0.96 | 1.44 | 3.04 | 0.00 | 0.61 | 0.96 | 1.36 | 2.26 | 0.25 | 0.66 | 0.96 | 1.27 | 2.01 |
| HYSTERECTOMY | 90 | 0.00 | 0.00 | 0.00 | 1.57 | 5.00 | 0.00 | 0.00 | 0.68 | 1.43 | 2.83 | 0.00 | 0.28 | 0.67 | 1.15 | 2.88 |

## TABLE 5: MULTIPLICATIVE FACTORS FOR THE CALCULATION OF THE BOUNDS FOR PREDICTION INTERVALS

(n is the number of cases at your hospital and p is the predicted mortality rate)

| | 99% Prediction Interval | | | | | 95% Prediction Interval | | | | | 75% Prediction Interval | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Factor for Upper Bound | | | | | Factor for Upper Bound | | | | | Factor for Upper Bound | | | | |
| p<br>n | 1% | 5% | 10% | 20% | 40% | 1% | 5% | 10% | 20% | 40% | 1% | 5% | 10% | 20% | 40% |
| **25** | 2.95 | 2.73 | 2.68 | 2.63 | 2.59 | 2.15 | 2.04 | 2.01 | 1.99 | 1.97 | 1.17 | 1.16 | 1.16 | 1.15 | 1.15 |
| **50** | 2.76 | 2.65 | 2.63 | 2.60 | 2.58 | 2.05 | 2.00 | 1.99 | 1.97 | 1.96 | 1.16 | 1.15 | 1.15 | 1.15 | 1.15 |
| **75** | 2.70 | 2.63 | 2.61 | 2.59 | 2.58 | 2.02 | 1.99 | 1.98 | 1.97 | 1.96 | 1.16 | 1.15 | 1.15 | 1.15 | 1.15 |
| **100** | 2.67 | 2.61 | 2.60 | 2.59 | 2.58 | 2.01 | 1.98 | 1.97 | 1.97 | 1.96 | 1.16 | 1.15 | 1.15 | 1.15 | 1.15 |
| **150** | 2.64 | 2.60 | 2.59 | 2.59 | 2.58 | 1.99 | 1.97 | 1.97 | 1.96 | 1.96 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 |
| **200** | 2.62 | 2.60 | 2.59 | 2.58 | 2.58 | 1.98 | 1.97 | 1.97 | 1.96 | 1.96 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 |
| **300** | 2.61 | 2.59 | 2.58 | 2.58 | 2.58 | 1.98 | 1.97 | 1.96 | 1.96 | 1.96 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 |
| **400** | 2.60 | 2.59 | 2.58 | 2.58 | 2.58 | 1.97 | 1.96 | 1.96 | 1.96 | 1.96 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 |
| **500** | 2.59 | 2.58 | 2.58 | 2.58 | 2.58 | 1.97 | 1.96 | 1.96 | 1.96 | 1.96 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 |
| **750** | 2.59 | 2.58 | 2.58 | 2.58 | 2.58 | 1.97 | 1.96 | 1.96 | 1.96 | 1.96 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 |
| **1000** | 2.59 | 2.58 | 2.58 | 2.58 | 2.58 | 1.96 | 1.96 | 1.96 | 1.96 | 1.96 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 |
| **2000** | 2.58 | 2.58 | 2.58 | 2.58 | 2.58 | 1.96 | 1.96 | 1.96 | 1.96 | 1.96 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 |
| **5000** | 2.58 | 2.58 | 2.58 | 2.58 | 2.58 | 1.96 | 1.96 | 1.96 | 1.96 | 1.96 | 1.15 | 1.15 | 1.15 | 1.15 | 1.15 |

| | Factor for Lower Bound | | | | | Factor for Lower Bound | | | | | Factor for Lower Bound | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| p<br>n | 1% | 5% | 10% | 20% | 40% | 1% | 5% | 10% | 20% | 40% | 1% | 5% | 10% | 20% | 40% |
| **25** | -2.21 | -2.42 | -2.48 | -2.52 | -2.56 | -1.77 | -1.88 | -1.91 | -1.93 | -1.95 | -1.13 | -1.14 | -1.14 | -1.15 | -1.15 |
| **50** | -2.39 | -2.50 | -2.53 | -2.55 | -2.57 | -1.87 | -1.92 | -1.93 | -1.95 | -1.96 | -1.14 | -1.15 | -1.15 | -1.15 | -1.15 |
| **75** | -2.45 | -2.52 | -2.54 | -2.56 | -2.57 | -1.90 | -1.93 | -1.94 | -1.95 | -1.96 | -1.14 | -1.15 | -1.15 | -1.15 | -1.15 |
| **100** | -2.48 | -2.54 | -2.55 | -2.56 | -2.57 | -1.91 | -1.94 | -1.95 | -1.95 | -1.96 | -1.15 | -1.15 | -1.15 | -1.15 | -1.15 |
| **150** | -2.51 | -2.55 | -2.56 | -2.57 | -2.57 | -1.93 | -1.95 | -1.95 | -1.96 | -1.96 | -1.15 | -1.15 | -1.15 | -1.15 | -1.15 |
| **200** | -2.53 | -2.56 | -2.56 | -2.57 | -2.57 | -1.94 | -1.95 | -1.95 | -1.96 | -1.96 | -1.15 | -1.15 | -1.15 | -1.15 | -1.15 |
| **300** | -2.54 | -2.56 | -2.57 | -2.57 | -2.57 | -1.94 | -1.95 | -1.96 | -1.96 | -1.96 | -1.15 | -1.15 | -1.15 | -1.15 | -1.15 |
| **400** | -2.55 | -2.57 | -2.57 | -2.57 | -2.57 | -1.95 | -1.96 | -1.96 | -1.96 | -1.96 | -1.15 | -1.15 | -1.15 | -1.15 | -1.15 |
| **500** | -2.56 | -2.57 | -2.57 | -2.57 | -2.58 | -1.95 | -1.96 | -1.96 | -1.96 | -1.96 | -1.15 | -1.15 | -1.15 | -1.15 | -1.15 |
| **750** | -2.56 | -2.57 | -2.57 | -2.57 | -2.58 | -1.95 | -1.96 | -1.96 | -1.96 | -1.96 | -1.15 | -1.15 | -1.15 | -1.15 | -1.15 |
| **1000** | -2.57 | -2.57 | -2.57 | -2.57 | -2.58 | -1.96 | -1.96 | -1.96 | -1.96 | -1.96 | -1.15 | -1.15 | -1.15 | -1.15 | -1.15 |
| **2000** | -2.57 | -2.57 | -2.57 | -2.58 | -2.58 | -1.96 | -1.96 | -1.96 | -1.96 | -1.96 | -1.15 | -1.15 | -1.15 | -1.15 | -1.15 |
| **5000** | -2.57 | -2.58 | -2.58 | -2.58 | -2.58 | -1.96 | -1.96 | -1.96 | -1.96 | -1.96 | -1.15 | -1.15 | -1.15 | -1.15 | -1.15 |

# Medicare Hospital Information

# ABERNETHY MEMORIAL HOSPITAL

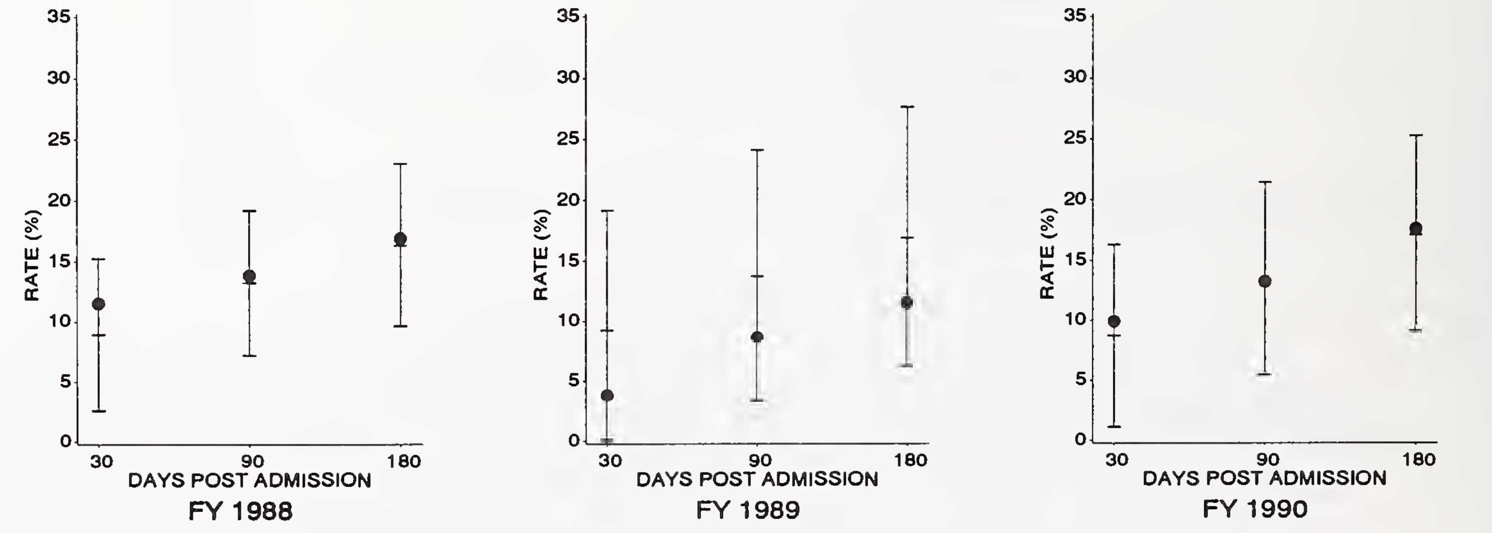
WILKINSON ST
FLOMATON, AL 36441
Medicare Provider Number: 010096

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 91 | 9.9 | 8.7 | 3.8 | 13.2 | 13.4 | 4.0 | 17.6 | 17.1 | 4.1 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 0 | | | | | | | | | |
| Congestive Heart Failure | 7 | 14.3 | 10.9 | ----- | 28.6 | 17.6 | ----- | 57.1 | 22.7 | ----- |
| Pneumonia/Influenza | 6 | 33.3 | 20.6 | ----- | 33.3 | 28.1 | ----- | 33.3 | 33.0 | ----- |
| Chronic Obstructive Pulmonary Disease | 2 | 0.0 | 4.5 | ----- | 0.0 | 7.7 | ----- | 0.0 | 10.7 | ----- |
| Transient Cerebral Ischemia | 3 | 0.0 | 3.3 | ----- | 0.0 | 7.5 | ----- | 0.0 | 11.8 | ----- |
| Stroke | 5 | 20.0 | 19.2 | ----- | 20.0 | 24.3 | ----- | 20.0 | 27.2 | ----- |
| Hip Fracture | 0 | | | | | | | | | |
| Sepsis | 1 | 0.0 | 47.7 | ----- | 0.0 | 55.4 | ----- | 0.0 | 61.1 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 0 | | | | | | | | | |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

# ABERNETHY MEMORIAL HOSPITAL

Medicare Provider Number: 010096

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 76.3 years |
| Proportion female | 59.3 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 45.1 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.0 % |
| Admitted for emergency | 0.0 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 5.5 % |
| Chronic cardiovascular disease | 44.0 % |
| Chronic liver disease | 0.0 % |
| Chronic renal disease | 4.4 % |
| Chronic pulmonary disease | 11.0 % |
| Cerebrovascular degeneration | 8.8 % |
| Diabetes mellitus | 14.3 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 68.7% |
| State | 1.2% |
| Outside State | 30.1% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 7.5 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 30 |
| Occupancy Rate | 16.0 % |
| Ownership/Control | District/Authority |
| Medicare Discharges | 68.9 % |
| Case Mix Index (CMI) | 0.9348 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | 1 |
| Percent of Physicians Board Certified Specialists | (Not Available) |
| Medical Residents/Interns | (Not Available) |
| Registered Nurses | (Not Available) |
| Licensed Practical Nurses | (Not Available) |

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | No |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | Yes |

** Except for CMI

*** Not used in calculating mortality rates**

# AMI BROOKWOOD MEDICAL CENTER

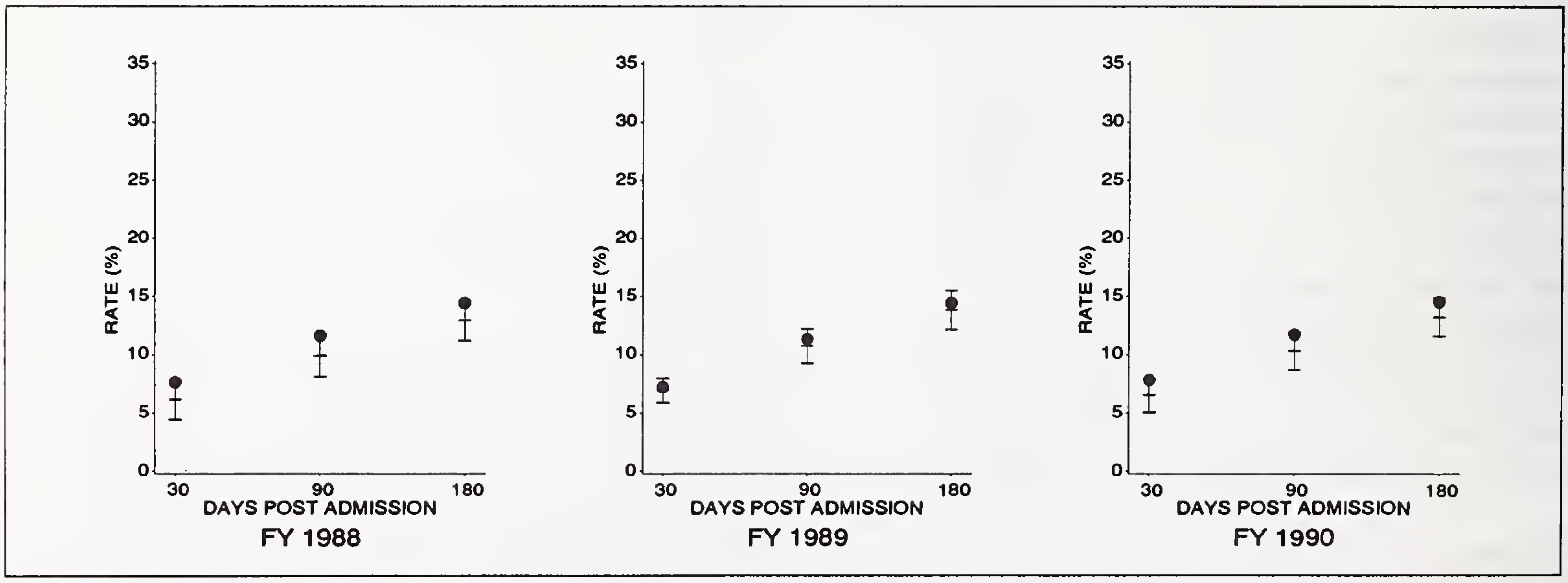
2010 BROOKWOOD MED CTR DR
BIRMINGHAM, AL 35209
Medicare Provider Number: 010139

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 3432 | 7.8 | 6.5 | 0.7 | 11.7 | 10.3 | 0.8 | 14.5 | 13.2 | 0.8 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 70 | 27.1 | 25.4 | 6.6 | 28.6 | 28.0 | 6.7 | 31.4 | 30.5 | 6.1 |
| Congestive Heart Failure | 124 | 22.6 | 13.7 | 4.1 | 27.4 | 21.8 | 4.4 | 33.9 | 27.9 | 4.9 |
| Pneumonia/Influenza | 122 | 13.1 | 15.5 | 4.4 | 20.5 | 21.2 | 3.8 | 25.4 | 24.9 | 4.0 |
| Chronic Obstructive Pulmonary Disease | 35 | 8.6 | 5.5 | ----- | 8.6 | 9.8 | ----- | 14.3 | 13.4 | ----- |
| Transient Cerebral Ischemia | 40 | 0.0 | 1.6 | ----- | 0.0 | 3.6 | ----- | 0.0 | 5.9 | ----- |
| Stroke | 81 | 16.0 | 17.3 | 5.3 | 23.5 | 23.3 | 5.2 | 27.2 | 27.2 | 5.8 |
| Hip Fracture | 67 | 13.4 | 6.3 | 5.5 | 19.4 | 10.8 | 7.0 | 20.9 | 13.9 | 7.1 |
| Sepsis | 32 | 25.0 | 24.1 | ----- | 25.0 | 33.5 | ----- | 31.3 | 38.8 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 72 | 11.1 | 2.6 | 3.3 | 11.1 | 3.4 | 3.4 | 12.5 | 4.2 | 3.6 |
| Coronary Artery Bypass Graft | 112 | 3.6 | 4.9 | 2.3 | 4.5 | 7.1 | 3.3 | 7.1 | 8.1 | 3.0 |
| Initial Pacemaker Insertion | 29 | 0.0 | 3.0 | ----- | 3.4 | 6.2 | ----- | 6.9 | 8.9 | ----- |
| Carotid Endarterectomy | 30 | 0.0 | 1.5 | ----- | 0.0 | 3.0 | ----- | 3.3 | 4.4 | ----- |
| Hip Replacement/Reconstruction | 63 | 6.3 | 2.9 | 2.8 | 9.5 | 5.3 | 4.0 | 12.7 | 7.0 | 5.0 |
| Open Reduction of Hip Fracture | 39 | 10.3 | 5.5 | ----- | 15.4 | 9.6 | ----- | 15.4 | 12.5 | ----- |
| Prostatectomy | 163 | 1.2 | 0.7 | 0.9 | 4.3 | 1.7 | 1.9 | 4.9 | 3.0 | 1.8 |
| Cholecystectomy | 91 | 3.3 | 1.8 | 2.1 | 5.5 | 3.4 | 2.8 | 6.6 | 4.9 | 2.7 |
| Hysterectomy | 59 | 0.0 | 0.3 | 0.9 | 1.7 | 0.7 | 1.4 | 3.4 | 1.2 | 2.3 |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

# AMI BROOKWOOD MEDICAL CENTER

Medicare Provider Number: 010139

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 71.8 years |
| Proportion female | 55.4 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 60.9 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 60.4 % |
| Admitted for emergency | 35.9 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 8.7 % |
| Chronic cardiovascular disease | 30.5 % |
| Chronic liver disease | 1.1 % |
| Chronic renal disease | 2.7 % |
| Chronic pulmonary disease | 12.4 % |
| Cerebrovascular degeneration | 1.6 % |
| Diabetes mellitus | 7.3 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 51.8% |
| State | 45.6% |
| Outside State | 2.6% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 8.3 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1991

PROFILE:

| | |
|---|---|
| Total Beds | 586 |
| Ownership/Control | Private, For Profit |
| Case Mix Index (CMI) | 1.4298 |

STAFFING:

| | |
|---|---|
| Medical Residents/Interns | 0 |
| Registered Nurses | 660 |
| Licensed Practical Nurses | 136 |

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Coronary Care Unit | Yes |
| Hospice Care | Yes |
| Intensive Care Unit | Yes |
| Organ Transplant | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | Yes |
| Rehabilitation | Yes |
| Psychiatric | Yes |
| Medicare Swing Beds | No |

** Except for CMI

---

* Not used in calculating mortality rates

# AMI WEST ALABAMA GENERAL HOSPITAL

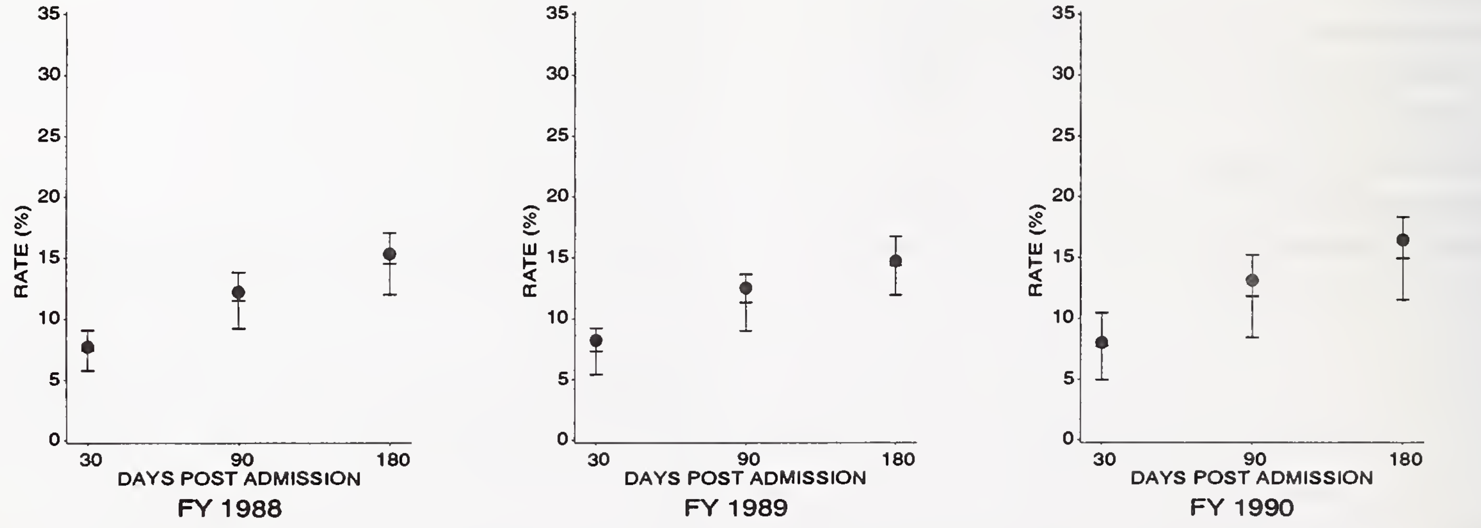
2700 HOSPITAL DR
NORTHPORT, AL 35476
Medicare Provider Number: 010145

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 1115 | 8.0 | 7.7 | 1.4 | 13.1 | 11.8 | 1.7 | 16.4 | 14.9 | 1.7 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 18 | 27.8 | 26.8 | ----- | 50.0 | 29.5 | ----- | 50.0 | 32.4 | ----- |
| Congestive Heart Failure | 35 | 17.1 | 12.8 | ----- | 25.7 | 21.4 | ----- | 25.7 | 28.0 | ----- |
| Pneumonia/Influenza | 55 | 18.2 | 11.1 | 8.6 | 21.8 | 15.2 | 9.2 | 21.8 | 18.1 | 8.4 |
| Chronic Obstructive Pulmonary Disease | 21 | 0.0 | 6.9 | ----- | 9.5 | 12.7 | ----- | 14.3 | 17.3 | ----- |
| Transient Cerebral Ischemia | 27 | 0.0 | 1.5 | ----- | 3.7 | 3.2 | ----- | 3.7 | 5.1 | ----- |
| Stroke | 34 | 14.7 | 17.2 | ----- | 23.5 | 23.1 | ----- | 23.5 | 26.4 | ----- |
| Hip Fracture | 42 | 4.8 | 4.8 | ----- | 14.3 | 9.0 | ----- | 19.0 | 12.2 | ----- |
| Sepsis | 15 | 40.0 | 33.1 | ----- | 40.0 | 43.1 | ----- | 46.7 | 48.0 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 2 | 0.0 | 2.6 | ----- | 50.0 | 5.5 | ----- | 50.0 | 8.5 | ----- |
| Carotid Endarterectomy | 5 | 0.0 | 1.1 | ----- | 0.0 | 2.1 | ----- | 20.0 | 3.4 | ----- |
| Hip Replacement/Reconstruction | 32 | 6.3 | 3.3 | ----- | 6.3 | 6.6 | ----- | 12.5 | 9.2 | ----- |
| Open Reduction of Hip Fracture | 21 | 0.0 | 4.9 | ----- | 19.0 | 9.1 | ----- | 19.0 | 12.3 | ----- |
| Prostatectomy | 27 | 7.4 | 1.5 | ----- | 7.4 | 3.6 | ----- | 11.1 | 6.0 | ----- |
| Cholecystectomy | 16 | 0.0 | 1.6 | ----- | 6.3 | 2.9 | ----- | 6.3 | 3.7 | ----- |
| Hysterectomy | 7 | 0.0 | 0.9 | ----- | 0.0 | 1.5 | ----- | 0.0 | 2.2 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD)
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

# AMI WEST ALABAMA GENERAL HOSPITAL

Medicare Provider Number: 010145

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 73.1 years |
| Proportion female | 57.4 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 98.7 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.0 % |
| Admitted for emergency | 98.9 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 6.1 % |
| Chronic cardiovascular disease | 31.6 % |
| Chronic liver disease | 0.7 % |
| Chronic renal disease | 2.0 % |
| Chronic pulmonary disease | 16.4 % |
| Cerebrovascular degeneration | 7.4 % |
| Diabetes mellitus | 6.9 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 69.3% |
| State | 28.6% |
| Outside State | 2.1% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 7.9 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1991

PROFILE:

| | |
|---|---|
| Total Beds | 156 |
| Ownership/Control | Private, For Profit |
| Case Mix Index (CMI) | 1.2421 |

STAFFING:

| | |
|---|---|
| Medical Residents/Interns | 0 |
| Registered Nurses | 142 |
| Licensed Practical Nurses | 47 |

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Coronary Care Unit | No |
| Hospice Care | No |
| Intensive Care Unit | Yes |
| Organ Transplant | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | Yes |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# ANDULUSIA HOSPITAL

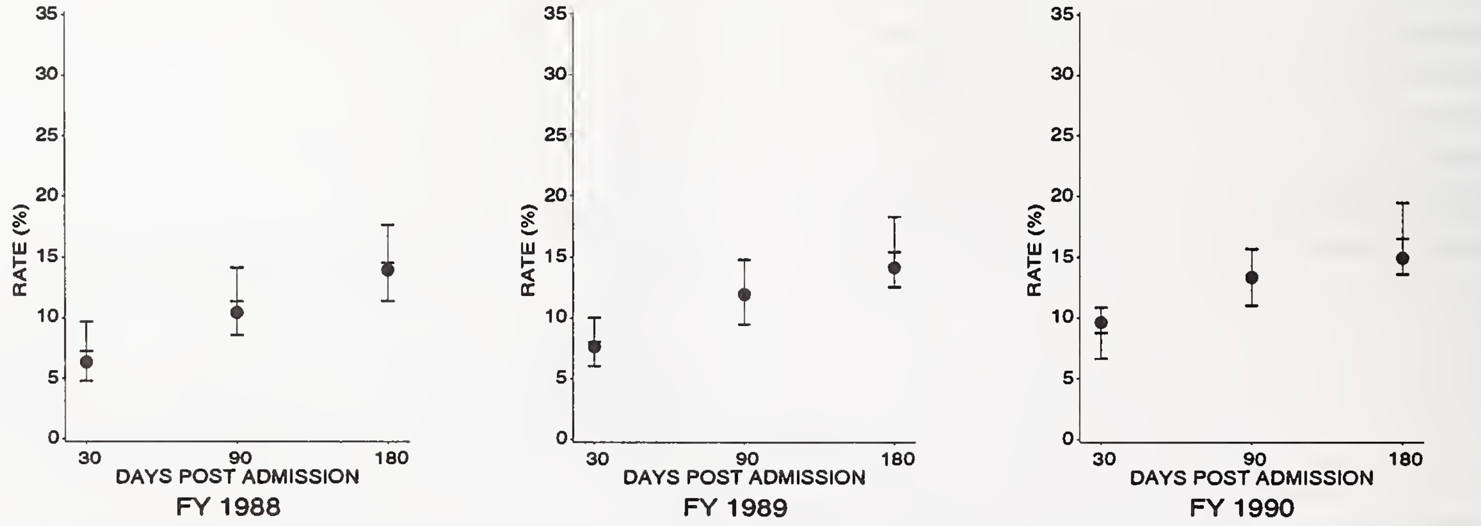
849 S THREE NOTCH ST BOX 760
ANDALUSIA, AL 36420
Medicare Provider Number: 010036

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| | | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| CATEGORY | NUMBER OF CASES | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 837 | 9.6 | 8.7 | 1.1 | 13.3 | 13.3 | 1.2 | 14.9 | 16.5 | 1.5 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 20 | 35.0 | 28.2 | ----- | 40.0 | 32.6 | ----- | 45.0 | 35.6 | ----- |
| Congestive Heart Failure | 38 | 5.3 | 12.9 | ----- | 21.1 | 20.7 | ----- | 21.1 | 26.5 | ----- |
| Pneumonia/Influenza | 31 | 19.4 | 16.6 | ----- | 25.8 | 23.6 | ----- | 29.0 | 28.9 | ----- |
| Chronic Obstructive Pulmonary Disease | 33 | 9.1 | 5.5 | ----- | 12.1 | 10.1 | ----- | 12.1 | 13.8 | ----- |
| Transient Cerebral Ischemia | 22 | 0.0 | 1.6 | ----- | 4.5 | 3.7 | ----- | 9.1 | 6.0 | ----- |
| Stroke | 31 | 16.1 | 20.5 | ----- | 29.0 | 27.6 | ----- | 29.0 | 32.0 | ----- |
| Hip Fracture | 20 | 20.0 | 8.2 | ----- | 20.0 | 14.0 | ----- | 20.0 | 17.9 | ----- |
| Sepsis | 19 | 36.8 | 33.2 | ----- | 42.1 | 42.1 | ----- | 47.4 | 46.9 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 11 | 18.2 | 8.3 | ----- | 18.2 | 14.4 | ----- | 18.2 | 18.7 | ----- |
| Open Reduction of Hip Fracture | 4 | 0.0 | 3.0 | ----- | 0.0 | 5.6 | ----- | 0.0 | 7.5 | ----- |
| Prostatectomy | 9 | 0.0 | 1.0 | ----- | 0.0 | 2.5 | ----- | 0.0 | 4.3 | ----- |
| Cholecystectomy | 22 | 9.1 | 4.0 | ----- | 9.1 | 6.9 | ----- | 9.1 | 8.9 | ----- |
| Hysterectomy | 7 | 0.0 | 0.1 | ----- | 0.0 | 0.3 | ----- | 0.0 | 0.5 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ANDULUSIA HOSPITAL

Medicare Provider Number: 010036

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | | | |
|---|---|---|---|
| DEMOGRAPHICS: | | COMORBIDITIES: | |
| Average age at admission | 73.2 years | Cancer | 5.5 % |
| Proportion female | 58.2 % | Chronic cardiovascular disease | 47.7 % |
| ADMISSION SOURCES/TYPES: | | Chronic liver disease | 1.1 % |
| Referred by personal or HMO physician | 36.3 % | Chronic renal disease | 5.1 % |
| Transferred from skilled nursing facility | 0.1 % | Chronic pulmonary disease | 34.8 % |
| Admitted for elective procedure | 26.9 % | Cerebrovascular degeneration | 2.9 % |
| Admitted for emergency | 67.0 % | Diabetes mellitus | 10.6 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | | | |
|---|---|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | | MEDICARE AVERAGE LENGTH OF STAY: | |
| County/City | 86.0% | Hospital | 5.6 Days |
| State | 12.5% | State | 7.9 Days |
| Outside State | 1.5% | National | 8.6 Days |
| Total | 100.0% | | |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | | | |
|---|---|---|---|
| PROFILE: | | SPECIALTY SERVICES: | |
| Total Beds | 77 | Burn Unit | No |
| Occupancy Rate | 50.0 % | Cardiac Intensive Care | No |
| Ownership/Control | Private, For Profit | Comprehensive Geriatric | No |
| Medicare Discharges | 39.1 % | Hospice Care | No |
| Case Mix Index (CMI) | 1.1448 | Medical/Surgical Intensive Care | Yes |
| STAFFING: | | Organ/Tissue Transplant | No |
| Total Number of Physicians | 21 | Other Intensive Care | No |
| Percent of Physicians Board Certified Specialists | 52.4 % | Trauma Center | No |
| | | OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| Medical Residents/Interns | 0 | Alcohol/Drug | No |
| Registered Nurses | 53 | Rehabilitation | No |
| Licensed Practical Nurses | 38 | Psychiatric | No |
| | | Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# ATHENS-LIMESTONE HOSPITAL

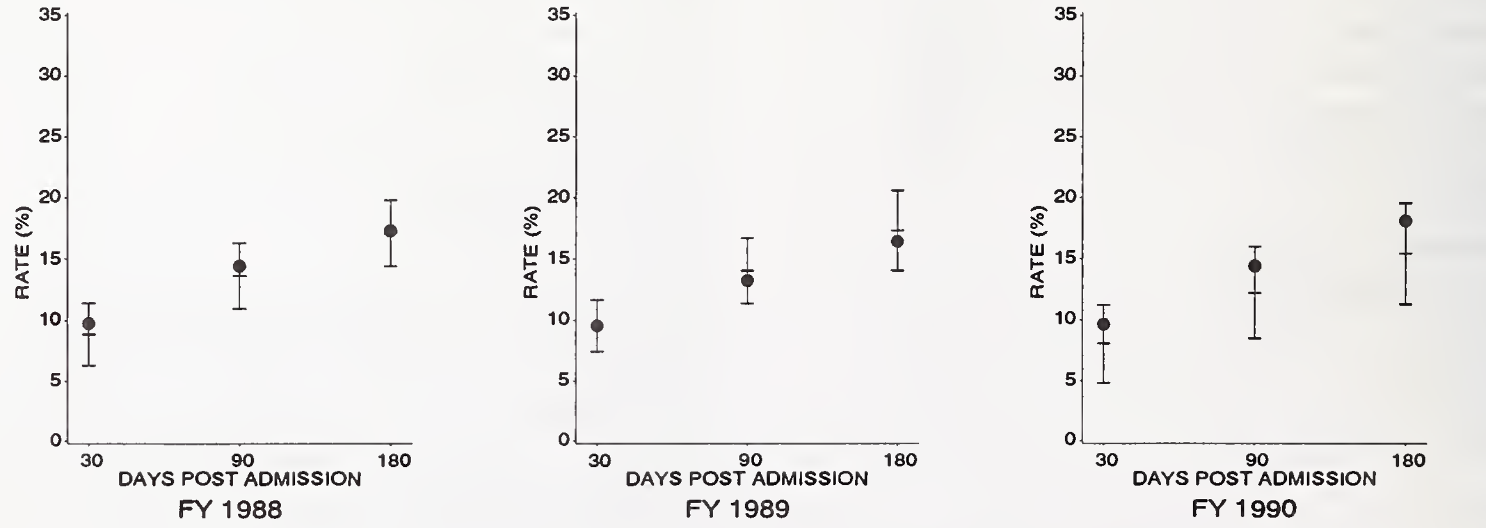
700 WEST MARKET STREET
ATHENS, AL 35611
Medicare Provider Number: 010079

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| | | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| CATEGORY | NUMBER OF CASES | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 852 | 9.6 | 8.0 | 1.6 | 14.4 | 12.2 | 1.9 | 18.1 | 15.4 | 2.1 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 23 | 30.4 | 28.1 | ----- | 30.4 | 31.2 | ----- | 43.5 | 34.2 | ----- |
| Congestive Heart Failure | 57 | 12.3 | 11.3 | 5.3 | 21.1 | 18.1 | 5.7 | 21.1 | 23.6 | 6.0 |
| Pneumonia/Influenza | 48 | 16.7 | 13.0 | ----- | 18.8 | 18.6 | ----- | 31.3 | 22.1 | ----- |
| Chronic Obstructive Pulmonary Disease | 24 | 8.3 | 6.0 | ----- | 16.7 | 11.0 | ----- | 16.7 | 14.9 | ----- |
| Transient Cerebral Ischemia | 11 | 0.0 | 1.3 | ----- | 0.0 | 3.1 | ----- | 0.0 | 5.3 | ----- |
| Stroke | 44 | 31.8 | 18.3 | ----- | 40.9 | 23.9 | ----- | 43.2 | 27.4 | ----- |
| Hip Fracture | 25 | 4.0 | 5.8 | ----- | 16.0 | 11.1 | ----- | 16.0 | 15.0 | ----- |
| Sepsis | 14 | 14.3 | 18.4 | ----- | 21.4 | 23.2 | ----- | 28.6 | 27.3 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 18 | 0.0 | 5.1 | ----- | 5.6 | 10.1 | ----- | 5.6 | 13.9 | ----- |
| Open Reduction of Hip Fracture | 10 | 10.0 | 3.9 | ----- | 30.0 | 8.0 | ----- | 30.0 | 11.3 | ----- |
| Prostatectomy | 38 | 0.0 | 1.0 | ----- | 0.0 | 2.2 | ----- | 2.6 | 3.8 | ----- |
| Cholecystectomy | 14 | 14.3 | 2.3 | ----- | 14.3 | 4.4 | ----- | 14.3 | 6.0 | ----- |
| Hysterectomy | 9 | 0.0 | 1.0 | ----- | 0.0 | 2.0 | ----- | 0.0 | 2.8 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

# ATHENS-LIMESTONE HOSPITAL

Medicare Provider Number: 010079

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | | | |
|---|---|---|---|
| DEMOGRAPHICS: | | COMORBIDITIES: | |
| Average age at admission | 74.0 years | Cancer | 3.9 % |
| Proportion female | 55.8 % | Chronic cardiovascular disease | 32.7 % |
| ADMISSION SOURCES/TYPES: | | Chronic liver disease | 0.7 % |
| Referred by personal or HMO physician | 87.4 % | Chronic renal disease | 5.4 % |
| Transferred from skilled nursing facility | 0.1 % | Chronic pulmonary disease | 16.1 % |
| Admitted for elective procedure | 15.8 % | Cerebrovascular degeneration | 7.0 % |
| Admitted for emergency | 68.8 % | Diabetes mellitus | 10.7 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | | | |
|---|---|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | | MEDICARE AVERAGE LENGTH OF STAY: | |
| County/City | 85.8% | Hospital | 6.9 Days |
| State | 9.9% | State | 7.9 Days |
| Outside State | 4.3% | National | 8.6 Days |
| Total | 100.0% | | |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | | | |
|---|---|---|---|
| PROFILE: | | SPECIALTY SERVICES: | |
| Total Beds | 91 | Burn Unit | No |
| Occupancy Rate | 50.0 % | Cardiac Intensive Care | No |
| Ownership/Control | Local Government | Comprehensive Geriatric | No |
| Medicare Discharges | 38.3 % | Hospice Care | No |
| Case Mix Index (CMI) | 1.1768 | Medical/Surgical Intensive Care | Yes |
| STAFFING: | | Organ/Tissue Transplant | No |
| Total Number of Physicians | 33 | Other Intensive Care | No |
| Percent of Physicians Board Certified Specialists | 63.6 % | Trauma Center | No |
| Medical Residents/Interns | 0 | OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| Registered Nurses | 70 | Alcohol/Drug | No |
| Licensed Practical Nurses | 29 | Rehabilitation | No |
| | | Psychiatric | No |
| | | Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# ATMORE COMMUNITY HOSPITAL

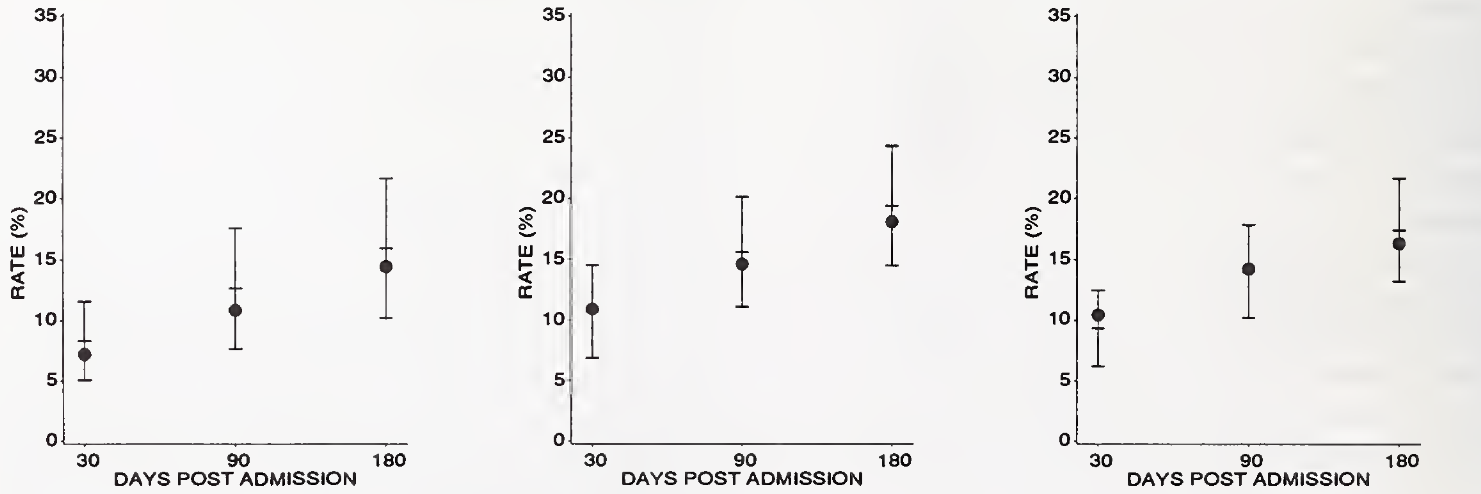
401 MEDICAL PARK DR
ATMORE, AL 36502
Medicare Provider Number: 010053

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | PRED | SD* | 90 DAYS OBS | PRED | SD* | 180 DAYS OBS | PRED | SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 424 | 10.4 | 9.3 | 1.6 | 14.2 | 14.0 | 1.9 | 16.3 | 17.4 | 2.1 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 7 | 57.1 | 29.9 | ----- | 57.1 | 33.0 | ----- | 71.4 | 36.2 | ----- |
| Congestive Heart Failure | 24 | 4.2 | 12.4 | ----- | 8.3 | 19.8 | ----- | 12.5 | 25.0 | ----- |
| Pneumonia/Influenza | 28 | 14.3 | 16.9 | ----- | 21.4 | 22.8 | ----- | 21.4 | 26.3 | ----- |
| Chronic Obstructive Pulmonary Disease | 5 | 0.0 | 13.6 | ----- | 20.0 | 24.0 | ----- | 20.0 | 31.1 | ----- |
| Transient Cerebral Ischemia | 20 | 10.0 | 2.1 | ----- | 10.0 | 5.0 | ----- | 10.0 | 8.3 | ----- |
| Stroke | 25 | 24.0 | 19.6 | ----- | 28.0 | 27.3 | ----- | 32.0 | 31.5 | ----- |
| Hip Fracture | 0 | | | | | | | | | |
| Sepsis | 0 | | | | | | | | | |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 1 | 0.0 | 1.0 | ----- | 0.0 | 2.1 | ----- | 0.0 | 3.4 | ----- |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 1 | 0.0 | 0.6 | ----- | 0.0 | 1.1 | ----- | 0.0 | 1.7 | ----- |
| Cholecystectomy | 5 | 0.0 | 1.9 | ----- | 0.0 | 3.3 | ----- | 0.0 | 4.3 | ----- |
| Hysterectomy | 2 | 0.0 | 0.1 | ----- | 0.0 | 0.3 | ----- | 0.0 | 0.5 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

# ATMORE COMMUNITY HOSPITAL

Medicare Provider Number: 010053

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 75.2 years |
| Proportion female | 64.4 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 41.0 % |
| Transferred from skilled nursing facility | 0.5 % |
| Admitted for elective procedure | 30.0 % |
| Admitted for emergency | 60.1 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 5.4 % |
| Chronic cardiovascular disease | 33.3 % |
| Chronic liver disease | 1.9 % |
| Chronic renal disease | 2.6 % |
| Chronic pulmonary disease | 12.3 % |
| Cerebrovascular degeneration | 2.1 % |
| Diabetes mellitus | 13.4 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 80.6% |
| State | 7.7% |
| Outside State | 11.7% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 5.1 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1991

PROFILE:

| | |
|---|---|
| Total Beds | 51 |
| Ownership/Control | Local Government |
| Case Mix Index (CMI) | 1.0150 |

STAFFING:

| | |
|---|---|
| Medical Residents/Interns | 0 |
| Registered Nurses | 15 |
| Licensed Practical Nurses | 26 |

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Coronary Care Unit | Yes |
| Hospice Care | No |
| Intensive Care Unit | Yes |
| Organ Transplant | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | Yes |

** Except for CMI

*** Not used in calculating mortality rates**

# AUTAUGA MEDICAL CENTER

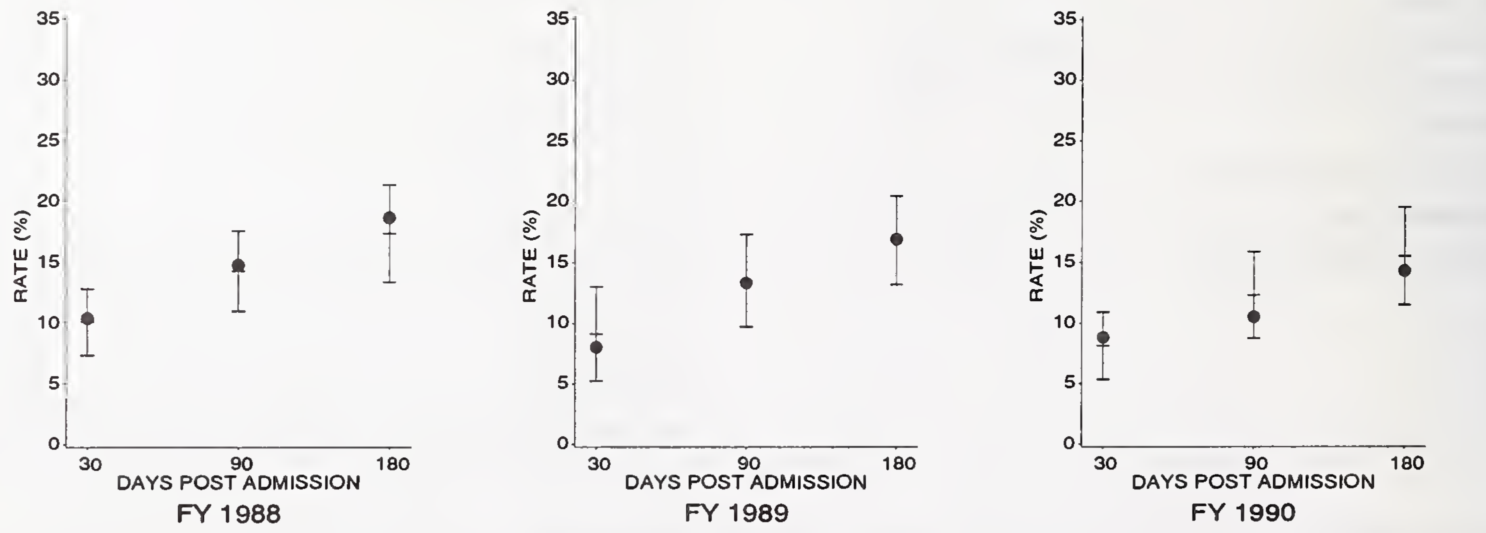
124 S MEMORIAL DR
PRATTVILLE, AL 36067
Medicare Provider Number: 010108

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | PRED | SD* | 90 DAYS OBS | PRED | SD* | 180 DAYS OBS | PRED | SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 588 | 8.8 | 8.1 | 1.4 | 10.5 | 12.3 | 1.8 | 14.3 | 15.5 | 2.0 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 21 | 33.3 | 23.4 | ----- | 33.3 | 25.8 | ----- | 33.3 | 28.6 | ----- |
| Congestive Heart Failure | 33 | 18.2 | 13.6 | ----- | 24.2 | 21.9 | ----- | 30.3 | 28.1 | ----- |
| Pneumonia/Influenza | 26 | 19.2 | 13.3 | ----- | 19.2 | 18.7 | ----- | 19.2 | 22.3 | ----- |
| Chronic Obstructive Pulmonary Disease | 21 | 9.5 | 7.5 | ----- | 14.3 | 13.2 | ----- | 14.3 | 17.5 | ----- |
| Transient Cerebral Ischemia | 23 | 0.0 | 2.9 | ----- | 0.0 | 5.8 | ----- | 4.3 | 8.8 | ----- |
| Stroke | 18 | 22.2 | 18.3 | ----- | 27.8 | 25.1 | ----- | 38.9 | 29.0 | ----- |
| Hip Fracture | 14 | 0.0 | 6.4 | ----- | 0.0 | 10.7 | ----- | 14.3 | 13.6 | ----- |
| Sepsis | 6 | 16.7 | 20.3 | ----- | 33.3 | 27.3 | ----- | 33.3 | 32.5 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 5 | 20.0 | 2.8 | ----- | 20.0 | 6.3 | ----- | 20.0 | 9.4 | ----- |
| Carotid Endarterectomy | 5 | 0.0 | 1.7 | ----- | 0.0 | 3.4 | ----- | 0.0 | 5.0 | ----- |
| Hip Replacement/Reconstruction | 7 | 0.0 | 5.3 | ----- | 0.0 | 9.3 | ----- | 14.3 | 12.4 | ----- |
| Open Reduction of Hip Fracture | 7 | 0.0 | 6.3 | ----- | 0.0 | 10.7 | ----- | 14.3 | 13.4 | ----- |
| Prostatectomy | 14 | 7.1 | 1.2 | ----- | 7.1 | 2.6 | ----- | 7.1 | 4.4 | ----- |
| Cholecystectomy | 7 | 14.3 | 1.4 | ----- | 14.3 | 2.4 | ----- | 28.6 | 3.0 | ----- |
| Hysterectomy | 3 | 0.0 | 0.2 | ----- | 0.0 | 0.5 | ----- | 0.0 | 0.8 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# AUTAUGA MEDICAL CENTER

Medicare Provider Number: 010108

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | |
|---|---|
| **DEMOGRAPHICS:** | |
| Average age at admission | 74.6 years |
| Proportion female | 58.7 % |
| **ADMISSION SOURCES/TYPES:** | |
| Referred by personal or HMO physician | 40.5 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.0 % |
| Admitted for emergency | 38.9 % |

| | |
|---|---|
| **COMORBIDITIES:** | |
| Cancer | 5.3 % |
| Chronic cardiovascular disease | 45.4 % |
| Chronic liver disease | 0.3 % |
| Chronic renal disease | 2.6 % |
| Chronic pulmonary disease | 23.3 % |
| Cerebrovascular degeneration | 3.7 % |
| Diabetes mellitus | 7.8 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | |
|---|---|
| **ORIGIN OF MEDICARE PATIENT ADMISSION:** | |
| County/City | 74.4% |
| State | 23.9% |
| Outside State | 1.7% |
| Total | 100.0% |

| | |
|---|---|
| **MEDICARE AVERAGE LENGTH OF STAY:** | |
| Hospital | 5.9 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1991

| | |
|---|---|
| **PROFILE:** | |
| Total Beds | 85 |
| Ownership/Control | Private, For Profit |
| Case Mix Index (CMI) | 1.1182 |
| **STAFFING:** | |
| Medical Residents/Interns | 0 |
| Registered Nurses | 38 |
| Licensed Practical Nurses | 10 |

| | |
|---|---|
| **SPECIALTY SERVICES:** | |
| Burn Unit | No |
| Coronary Care Unit | Yes |
| Hospice Care | No |
| Intensive Care Unit | Yes |
| Organ Transplant | No |
| Trauma Center | No |
| **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

* Not used in calculating mortality rates

# BAPTIST MEDICAL CENTER

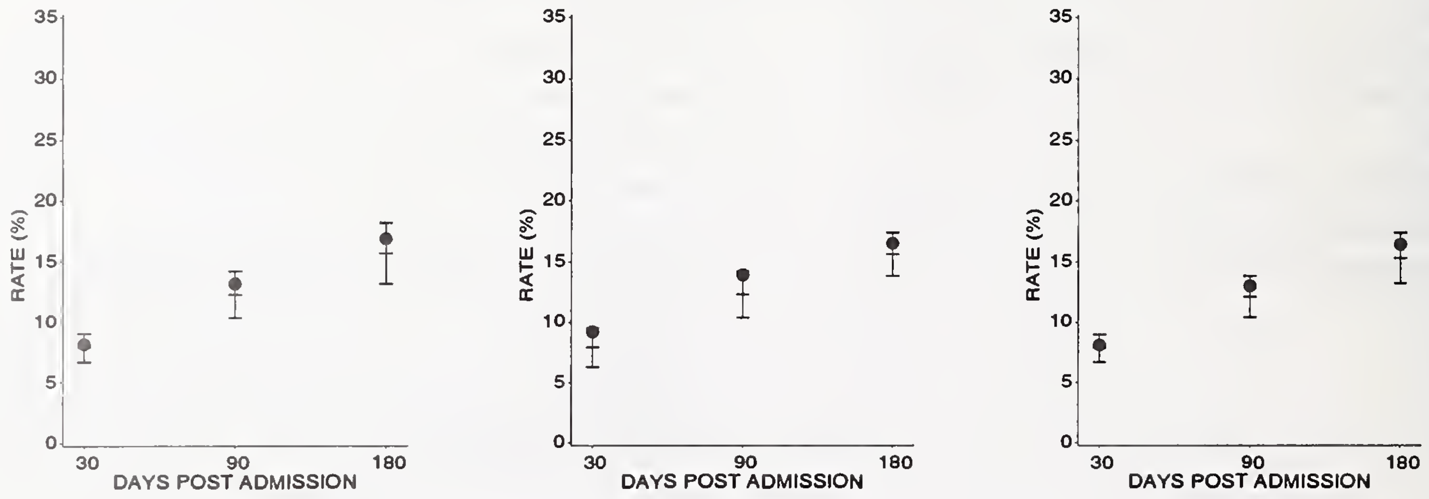
2105 E SOUTH BLVD
MONTGOMERY, AL 36116
Medicare Provider Number: 010023

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 2458 | 8.1 | 7.8 | 0.6 | 13.0 | 12.1 | 0.9 | 16.4 | 15.3 | 1.0 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 46 | 21.7 | 22.1 | ----- | 21.7 | 25.0 | ----- | 23.9 | 27.6 | ----- |
| Congestive Heart Failure | 88 | 18.2 | 13.0 | 7.2 | 23.9 | 20.7 | 7.5 | 29.5 | 26.5 | 6.1 |
| Pneumonia/Influenza | 85 | 8.2 | 17.3 | 5.7 | 15.3 | 23.8 | 5.9 | 21.2 | 27.6 | 5.6 |
| Chronic Obstructive Pulmonary Disease | 42 | 19.0 | 9.3 | ----- | 26.2 | 15.2 | ----- | 26.2 | 19.2 | ----- |
| Transient Cerebral Ischemia | 49 | 6.1 | 2.2 | ----- | 10.2 | 4.6 | ----- | 14.3 | 7.1 | ----- |
| Stroke | 62 | 21.0 | 20.6 | 5.6 | 25.8 | 26.3 | 6.6 | 29.0 | 29.8 | 6.1 |
| Hip Fracture | 78 | 10.3 | 5.9 | 4.5 | 16.7 | 10.3 | 4.8 | 21.8 | 13.5 | 5.8 |
| Sepsis | 18 | 33.3 | 27.3 | ----- | 50.0 | 37.8 | ----- | 50.0 | 43.2 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 6 | 0.0 | 9.8 | ----- | 0.0 | 10.7 | ----- | 0.0 | 11.7 | ----- |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 18 | 0.0 | 2.4 | ----- | 0.0 | 5.1 | ----- | 0.0 | 7.9 | ----- |
| Carotid Endarterectomy | 33 | 0.0 | 1.2 | ----- | 0.0 | 2.3 | ----- | 0.0 | 3.6 | ----- |
| Hip Replacement/Reconstruction | 73 | 5.5 | 3.0 | 2.9 | 6.8 | 5.4 | 3.9 | 11.0 | 7.3 | 5.2 |
| Open Reduction of Hip Fracture | 39 | 7.7 | 5.7 | ----- | 17.9 | 10.2 | ----- | 20.5 | 13.4 | ----- |
| Prostatectomy | 70 | 0.0 | 1.0 | 1.4 | 0.0 | 2.4 | 2.4 | 1.4 | 4.2 | 2.9 |
| Cholecystectomy | 37 | 0.0 | 2.4 | ----- | 0.0 | 4.6 | ----- | 0.0 | 6.3 | ----- |
| Hysterectomy | 24 | 0.0 | 0.1 | ----- | 0.0 | 0.3 | ----- | 0.0 | 0.6 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

# BAPTIST MEDICAL CENTER

Medicare Provider Number: 010023

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 73.7 years |
| Proportion female | 59.5 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 52.0 % |
| Transferred from skilled nursing facility | 0.7 % |
| Admitted for elective procedure | 30.8 % |
| Admitted for emergency | 65.6 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 9.4 % |
| Chronic cardiovascular disease | 32.3 % |
| Chronic liver disease | 0.7 % |
| Chronic renal disease | 2.2 % |
| Chronic pulmonary disease | 15.7 % |
| Cerebrovascular degeneration | 2.9 % |
| Diabetes mellitus | 7.2 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 55.3% |
| State | 42.8% |
| Outside State | 1.9% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 7.8 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 361 |
| Occupancy Rate | 63.0 % |
| Ownership/Control | Church |
| Medicare Discharges | (Not Available) |
| Case Mix Index (CMI) | 1.2947 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | 179 |
| Percent of Physicians Board Certified Specialists | 84.4 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 318 |
| Licensed Practical Nurses | 73 |

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | Yes |
| Comprehensive Geriatric | No |
| Hospice Care | Yes |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | Yes |
| Rehabilitation | No |
| Psychiatric | Yes |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# BAPTIST MEDICAL CENTER CHEROKEE

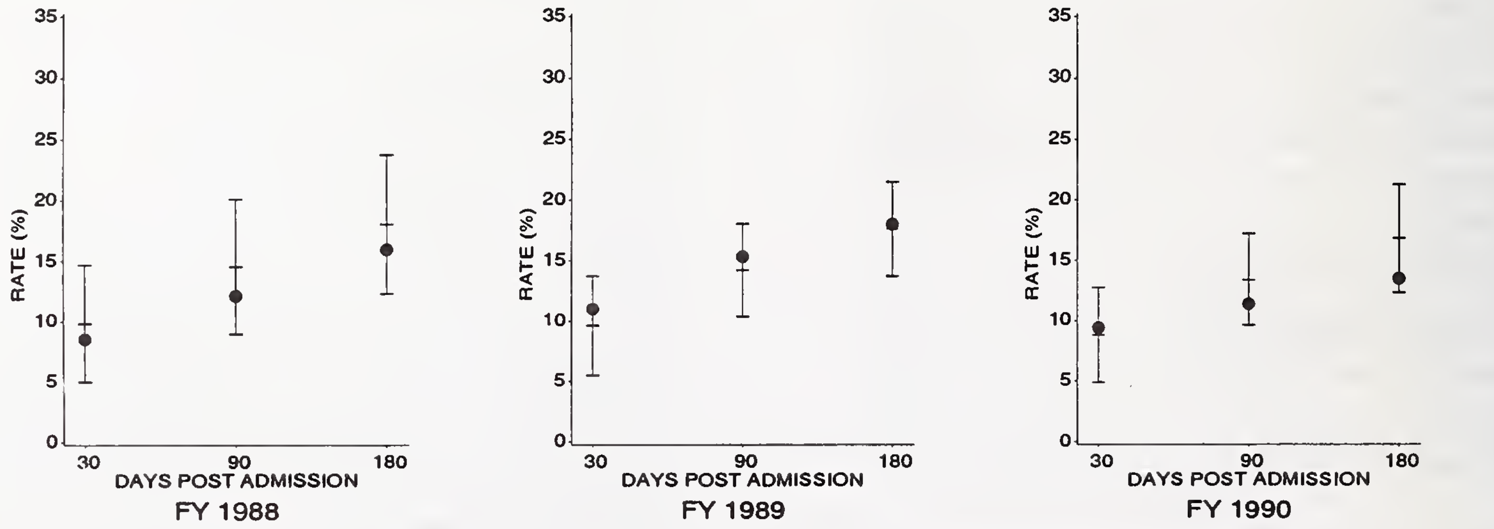
400 NORTHWOOD DR
CENTRE, AL 35960
Medicare Provider Number: 010022

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 438 | 9.4 | 8.8 | 2.0 | 11.4 | 13.4 | 1.9 | 13.5 | 16.8 | 2.2 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 11 | 36.4 | 30.3 | ----- | 45.5 | 33.4 | ----- | 45.5 | 36.2 | ----- |
| Congestive Heart Failure | 23 | 13.0 | 14.7 | ----- | 13.0 | 23.1 | ----- | 13.0 | 28.9 | ----- |
| Pneumonia/Influenza | 38 | 7.9 | 15.0 | ----- | 10.5 | 20.6 | ----- | 18.4 | 24.1 | ----- |
| Chronic Obstructive Pulmonary Disease | 14 | 14.3 | 6.1 | ----- | 21.4 | 11.2 | ----- | 21.4 | 15.5 | ----- |
| Transient Cerebral Ischemia | 11 | 0.0 | 1.4 | ----- | 0.0 | 3.2 | ----- | 0.0 | 5.2 | ----- |
| Stroke | 14 | 14.3 | 20.1 | ----- | 21.4 | 27.3 | ----- | 35.7 | 31.6 | ----- |
| Hip Fracture | 0 | | | | | | | | | |
| Sepsis | 2 | 50.0 | 28.2 | ----- | 50.0 | 43.2 | ----- | 50.0 | 49.4 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 13 | 7.7 | 4.0 | ----- | 7.7 | 7.8 | ----- | 7.7 | 11.0 | ----- |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# BAPTIST MEDICAL CENTER CHEROKEE
Medicare Provider Number: 010022

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 73.6 years |
| Proportion female | 56.2 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 36.3 % |
| Transferred from skilled nursing facility | 0.5 % |
| Admitted for elective procedure | 6.2 % |
| Admitted for emergency | 77.2 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 4.1 % |
| Chronic cardiovascular disease | 33.1 % |
| Chronic liver disease | 1.1 % |
| Chronic renal disease | 4.6 % |
| Chronic pulmonary disease | 24.2 % |
| Cerebrovascular degeneration | 4.8 % |
| Diabetes mellitus | 14.2 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 78.1% |
| State | 19.4% |
| Outside State | 2.5% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 5.4 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 60 |
| Occupancy Rate | 31.0 % |
| Ownership.Control | Private, Non-Profit |
| Medicare Discharges | 50.4 % |
| Case Mix Index (CMI) | 1.0016 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | 7 |
| Percent of Physicians Board Certified Specialists | (Not Available) |
| Medical Residents/Interns | 0 |
| Registered Nurses | 22 |
| Licensed Practical Nurses | 15 |

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | Yes |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# BAPTIST MEDICAL CENTER DEKALB

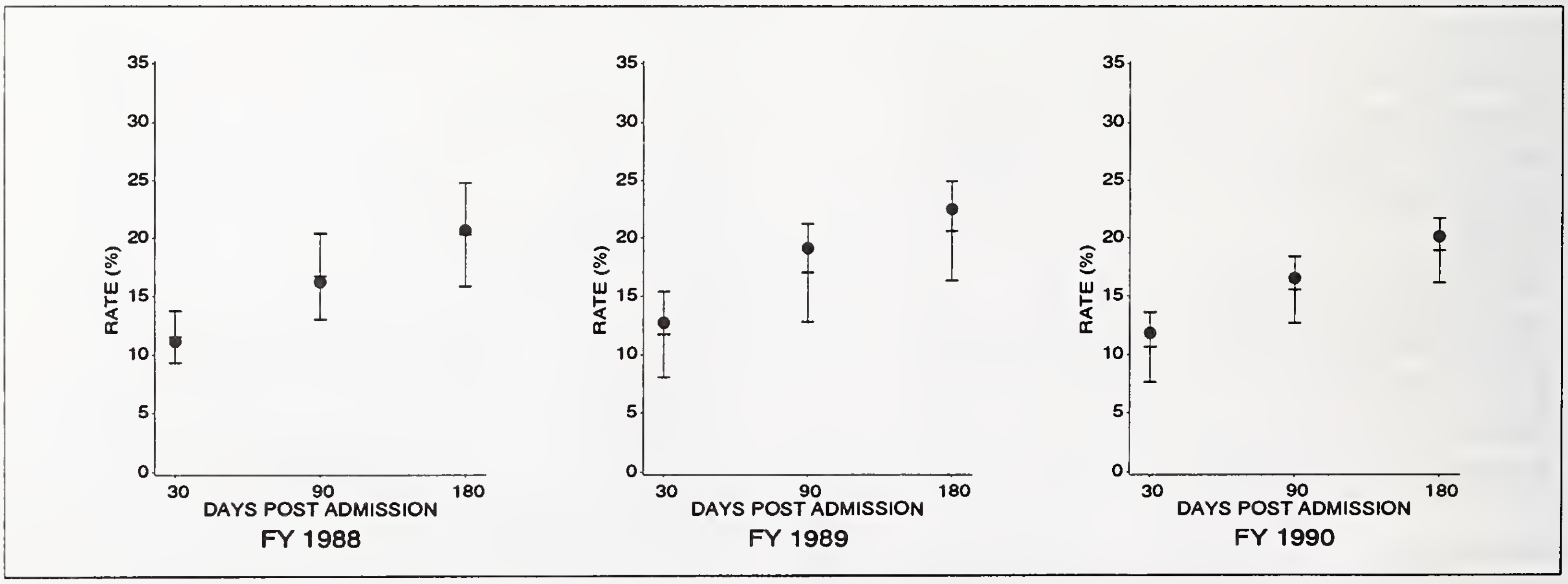
200 MEDICAL CENTER DRIVE
FORT PAYNE, AL 35967
Medicare Provider Number: 010012

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 1060 | 11.8 | 10.6 | 1.5 | 16.5 | 15.5 | 1.4 | 20.1 | 18.9 | 1.4 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 33 | 39.4 | 25.3 | ----- | 39.4 | 28.1 | ----- | 48.5 | 30.9 | ----- |
| Congestive Heart Failure | 45 | 26.7 | 14.5 | ----- | 31.1 | 23.3 | ----- | 35.6 | 29.4 | ----- |
| Pneumonia/Influenza | 96 | 15.6 | 17.0 | 4.2 | 22.9 | 22.6 | 4.3 | 28.1 | 26.3 | 4.8 |
| Chronic Obstructive Pulmonary Disease | 22 | 13.6 | 6.2 | ----- | 18.2 | 10.6 | ----- | 18.2 | 14.1 | ----- |
| Transient Cerebral Ischemia | 18 | 0.0 | 1.7 | ----- | 5.6 | 3.7 | ----- | 11.1 | 5.8 | ----- |
| Stroke | 25 | 32.0 | 23.4 | ----- | 36.0 | 31.1 | ----- | 36.0 | 35.1 | ----- |
| Hip Fracture | 32 | 0.0 | 7.9 | ----- | 9.4 | 13.3 | ----- | 12.5 | 16.9 | ----- |
| Sepsis | 3 | 33.3 | 17.1 | ----- | 33.3 | 24.4 | ----- | 33.3 | 28.1 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 14 | 0.0 | 3.9 | ----- | 7.1 | 7.3 | ----- | 7.1 | 10.0 | ----- |
| Open Reduction of Hip Fracture | 18 | 0.0 | 9.0 | ----- | 11.1 | 15.2 | ----- | 16.7 | 19.2 | ----- |
| Prostatectomy | 40 | 0.0 | 0.8 | ----- | 7.5 | 1.8 | ----- | 10.0 | 3.1 | ----- |
| Cholecystectomy | 39 | 0.0 | 2.0 | ----- | 2.6 | 3.8 | ----- | 2.6 | 5.2 | ----- |
| Hysterectomy | 20 | 0.0 | 0.4 | ----- | 0.0 | 0.8 | ----- | 0.0 | 1.3 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

# BAPTIST MEDICAL CENTER DEKALB

Medicare Provider Number: 010012

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | | | |
|---|---|---|---|
| DEMOGRAPHICS: | | COMORBIDITIES: | |
| Average age at admission | 74.0 years | Cancer | 7.4 % |
| Proportion female | 59.1 % | Chronic cardiovascular disease | 51.6 % |
| ADMISSION SOURCES/TYPES: | | Chronic liver disease | 0.8 % |
| Referred by personal or HMO physician | 38.5 % | Chronic renal disease | 1.7 % |
| Transferred from skilled nursing facility | 0.0 % | Chronic pulmonary disease | 24.3 % |
| Admitted for elective procedure | 13.9 % | Cerebrovascular degeneration | 2.7 % |
| Admitted for emergency | 66.7 % | Diabetes mellitus | 14.4 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | | | |
|---|---|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | | MEDICARE AVERAGE LENGTH OF STAY: | |
| County/City | 88.3% | Hospital | 7.1 Days |
| State | 9.6% | State | 7.9 Days |
| Outside State | 2.1% | National | 8.6 Days |
| Total | 100.0% | | |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | | | |
|---|---|---|---|
| PROFILE: | | SPECIALTY SERVICES: | |
| Total Beds | 116 | Burn Unit | No |
| Occupancy Rate | 51.0 % | Cardiac Intensive Care | No |
| Ownership/Control | Church | Comprehensive Geriatric | No |
| Medicare Discharges | 38.2 % | Hospice Care | No |
| Case Mix Index (CMI) | 1.2734 | Medical/Surgical Intensive Care | Yes |
| STAFFING: | | Organ/Tissue Transplant | No |
| Total Number of Physicians | 48 | Other Intensive Care | No |
| Percent of Physicians Board Certified Specialists | 66.7 % | Trauma Center | No |
| | | OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| Medical Residents/Interns | 0 | Alcohol/Drug | Yes |
| Registered Nurses | 89 | Rehabilitation | No |
| Licensed Practical Nurses | 27 | Psychiatric | No |
| | | Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# BAPTIST MEDICAL CENTER MONTCLAIR

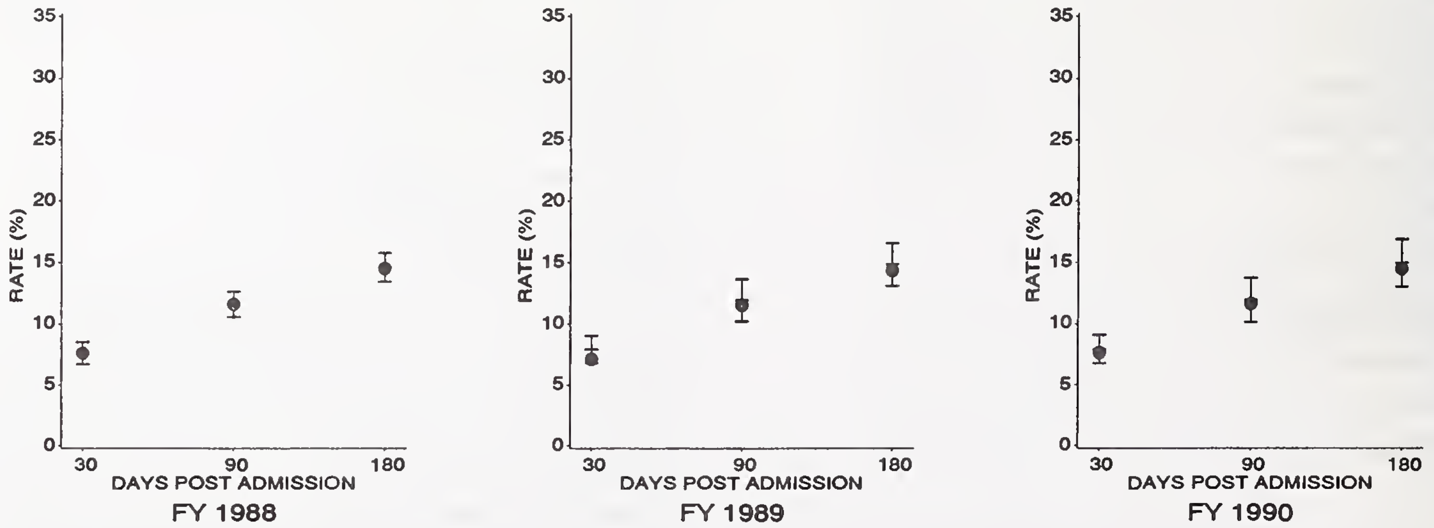
800 MONTCLAIR RD
BIRMINGHAM, AL 35213
Medicare Provider Number: 010104

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | PRED | SD* | 90 DAYS OBS | PRED | SD* | 180 DAYS OBS | PRED | SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 4119 | 7.6 | 7.9 | 0.6 | 11.6 | 11.9 | 0.9 | 14.4 | 14.9 | 1.0 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 146 | 18.5 | 26.3 | 4.7 | 21.2 | 29.2 | 5.1 | 22.6 | 32.0 | 5.5 |
| Congestive Heart Failure | 151 | 19.9 | 13.8 | 3.9 | 26.5 | 22.0 | 3.8 | 31.8 | 28.0 | 4.0 |
| Pneumonia/Influenza | 160 | 14.4 | 15.7 | 3.1 | 21.9 | 21.5 | 3.4 | 25.0 | 25.2 | 3.6 |
| Chronic Obstructive Pulmonary Disease | 38 | 5.3 | 7.9 | ----- | 7.9 | 13.6 | ----- | 10.5 | 18.3 | ----- |
| Transient Cerebral Ischemia | 54 | 1.9 | 1.5 | 1.7 | 1.9 | 3.3 | 2.8 | 3.7 | 5.2 | 4.2 |
| Stroke | 140 | 17.1 | 20.3 | 5.0 | 22.9 | 26.2 | 5.4 | 25.7 | 29.8 | 6.1 |
| Hip Fracture | 73 | 5.5 | 7.0 | 4.2 | 9.6 | 12.0 | 6.8 | 12.3 | 15.5 | 8.3 |
| Sepsis | 23 | 17.4 | 21.2 | ----- | 17.4 | 31.5 | ----- | 21.7 | 37.1 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 127 | 6.3 | 3.8 | 2.8 | 6.3 | 4.6 | 2.7 | 7.1 | 5.5 | 2.9 |
| Coronary Artery Bypass Graft | 187 | 4.8 | 6.0 | 2.9 | 7.5 | 8.2 | 2.3 | 8.6 | 9.1 | 2.2 |
| Initial Pacemaker Insertion | 71 | 2.8 | 2.4 | 1.9 | 4.2 | 4.7 | 2.7 | 4.2 | 7.0 | 4.0 |
| Carotid Endarterectomy | 44 | 0.0 | 1.4 | ----- | 0.0 | 2.6 | ----- | 0.0 | 3.8 | ----- |
| Hip Replacement/Reconstruction | 49 | 2.0 | 2.7 | ----- | 4.1 | 4.8 | ----- | 6.1 | 6.3 | ----- |
| Open Reduction of Hip Fracture | 48 | 4.2 | 6.4 | ----- | 4.2 | 11.4 | ----- | 6.3 | 14.9 | ----- |
| Prostatectomy | 65 | 0.0 | 0.9 | 1.5 | 0.0 | 2.0 | 2.8 | 1.5 | 3.4 | 3.1 |
| Cholecystectomy | 85 | 0.0 | 1.9 | 2.5 | 2.4 | 3.5 | 3.3 | 4.7 | 4.7 | 3.9 |
| Hysterectomy | 31 | 0.0 | 0.9 | ----- | 0.0 | 2.1 | ----- | 0.0 | 3.3 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# BAPTIST MEDICAL CENTER MONTCLAIR
Medicare Provider Number: 010104

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | | | |
|---|---|---|---|
| DEMOGRAPHICS: | | COMORBIDITIES: | |
| Average age at admission | 73.0 years | Cancer | 6.8 % |
| Proportion female | 55.0 % | Chronic cardiovascular disease | 49.3 % |
| ADMISSION SOURCES/TYPES: | | Chronic liver disease | 1.2 % |
| Referred by personal or HMO physician | 50.0 % | Chronic renal disease | 2.1 % |
| Transferred from skilled nursing facility | 0.2 % | Chronic pulmonary disease | 13.8 % |
| Admitted for elective procedure | 50.0 % | Cerebrovascular degeneration | 3.4 % |
| Admitted for emergency | 47.1 % | Diabetes mellitus | 8.9 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | | | |
|---|---|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | | MEDICARE AVERAGE LENGTH OF STAY: | |
| County/City | 56.9% | Hospital | 7.8 Days |
| State | 41.3% | State | 7.9 Days |
| Outside State | 1.8% | National | 8.6 Days |
| Total | 100.0% | | |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | | | |
|---|---|---|---|
| PROFILE: | | SPECIALTY SERVICES: | |
| Total Beds | 579 | Burn Unit | No |
| Occupancy Rate | 64.0 % | Cardiac Intensive Care | Yes |
| Ownership/Control | Church | Comprehensive Geriatric | Yes |
| Medicare Discharges | 37.8 % | Hospice Care | Yes |
| Case Mix Index (CMI) | 1.5315 | Medical/Surgical Intensive Care | Yes |
| STAFFING: | | Organ/Tissue Transplant | No |
| Total Number of Physicians | 292 | Other Intensive Care | Yes |
| Percent of Physicians Board Certified Specialists | 85.3 % | Trauma Center | Yes |
| Medical Residents/Interns | 0 | OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| Registered Nurses | 455 | Alcohol/Drug | Yes |
| Licensed Practical Nurses | 108 | Rehabilitation | No |
| | | Psychiatric | Yes |
| | | Medicare Swing Beds | Yes |

** Except for CMI

*** Not used in calculating mortality rates**

# BAPTIST MEDICAL CENTER PRINCETON

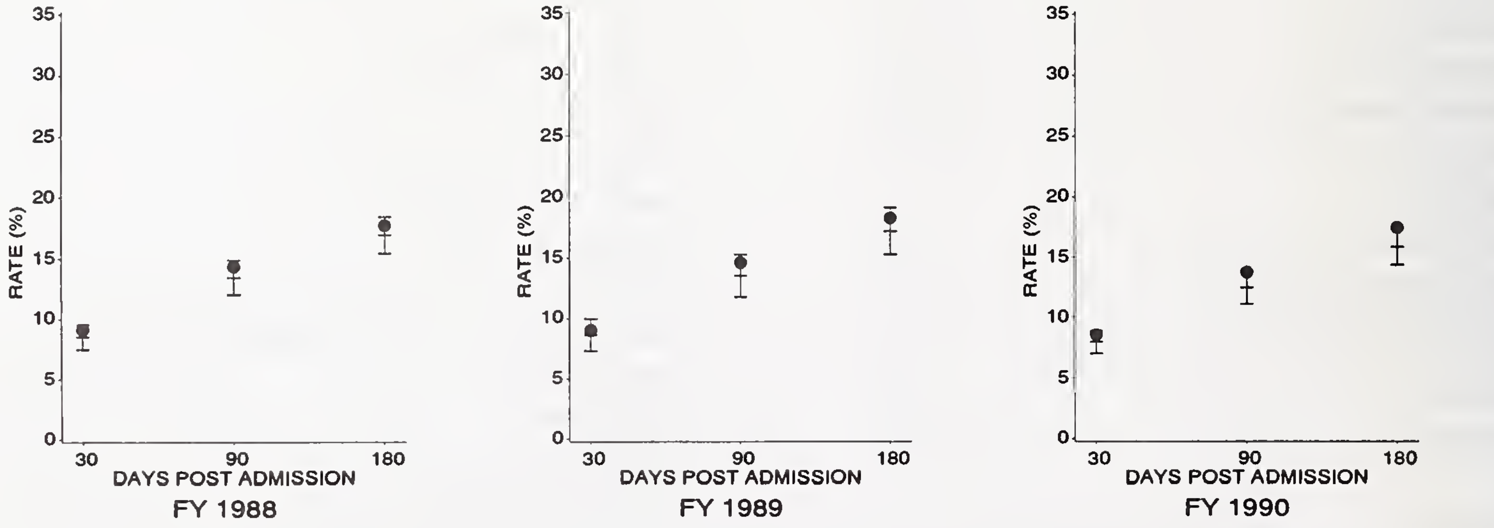
701 PRINCETON AVE SW
BIRMINGHAM, AL 35211
Medicare Provider Number: 010103

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 4344 | 8.6 | 8.0 | 0.5 | 13.8 | 12.5 | 0.7 | 17.5 | 15.9 | 0.8 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 132 | 27.3 | 23.6 | 7.6 | 31.1 | 26.4 | 7.6 | 32.6 | 28.9 | 7.3 |
| Congestive Heart Failure | 195 | 12.3 | 13.3 | 2.9 | 23.6 | 21.2 | 4.2 | 30.8 | 27.0 | 4.3 |
| Pneumonia/Influenza | 163 | 20.9 | 15.4 | 4.2 | 27.6 | 21.3 | 5.6 | 31.9 | 25.1 | 5.9 |
| Chronic Obstructive Pulmonary Disease | 39 | 7.7 | 7.4 | ----- | 12.8 | 13.1 | ----- | 15.4 | 17.9 | ----- |
| Transient Cerebral Ischemia | 64 | 0.0 | 2.0 | 3.0 | 6.3 | 4.4 | 3.4 | 7.8 | 6.9 | 4.9 |
| Stroke | 143 | 19.6 | 19.6 | 3.4 | 26.6 | 27.0 | 3.9 | 31.5 | 30.9 | 4.3 |
| Hip Fracture | 66 | 1.5 | 6.8 | 5.1 | 6.1 | 11.4 | 6.5 | 6.1 | 14.3 | 7.1 |
| Sepsis | 50 | 24.0 | 23.7 | ----- | 44.0 | 32.9 | ----- | 50.0 | 37.6 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 114 | 2.6 | 3.4 | 1.8 | 4.4 | 4.3 | 2.1 | 5.3 | 5.2 | 2.6 |
| Coronary Artery Bypass Graft | 213 | 6.1 | 6.0 | 2.2 | 8.5 | 8.1 | 3.6 | 8.9 | 9.1 | 3.9 |
| Initial Pacemaker Insertion | 57 | 5.3 | 4.3 | 2.8 | 14.0 | 8.0 | 5.1 | 19.3 | 11.1 | 5.6 |
| Carotid Endarterectomy | 35 | 2.9 | 1.7 | ----- | 5.7 | 3.1 | ----- | 5.7 | 4.5 | ----- |
| Hip Replacement/Reconstruction | 56 | 3.6 | 3.3 | 2.8 | 7.1 | 5.7 | 3.4 | 8.9 | 7.4 | 3.8 |
| Open Reduction of Hip Fracture | 34 | 2.9 | 5.1 | ----- | 5.9 | 9.1 | ----- | 5.9 | 11.9 | ----- |
| Prostatectomy | 104 | 0.0 | 1.6 | 1.6 | 1.0 | 3.6 | 2.6 | 1.9 | 5.9 | 3.7 |
| Cholecystectomy | 78 | 2.6 | 1.9 | 1.9 | 6.4 | 3.4 | 3.0 | 10.3 | 4.5 | 4.0 |
| Hysterectomy | 46 | 2.2 | 0.6 | ----- | 6.5 | 1.2 | ----- | 8.7 | 1.9 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

# BAPTIST MEDICAL CENTER PRINCETON

Medicare Provider Number: 010103

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | | | |
|---|---|---|---|
| **DEMOGRAPHICS:** | | **COMORBIDITIES:** | |
| Average age at admission | 72.9 years | Cancer | 9.4 % |
| Proportion female | 56.3 % | Chronic cardiovascular disease | 44.1 % |
| **ADMISSION SOURCES/TYPES:** | | Chronic liver disease | 0.3 % |
| Referred by personal or HMO physician | 47.7 % | Chronic renal disease | 4.0 % |
| Transferred from skilled nursing facility | 0.4 % | Chronic pulmonary disease | 15.6 % |
| Admitted for elective procedure | 30.1 % | Cerebrovascular degeneration | 2.3 % |
| Admitted for emergency | 47.0 % | Diabetes mellitus | 8.6 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | | | |
|---|---|---|---|
| **ORIGIN OF MEDICARE PATIENT ADMISSION:** | | **MEDICARE AVERAGE LENGTH OF STAY:** | |
| County/City | 72.8% | Hospital | 8.6 Days |
| State | 26.3% | State | 7.9 Days |
| Outside State | 0.9% | National | 8.6 Days |
| Total | 100.0% | | |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | | | |
|---|---|---|---|
| **PROFILE:** | | **SPECIALTY SERVICES:** | |
| Total Beds | 347 | Burn Unit | No |
| Occupancy Rate | 71.0 % | Cardiac Intensive Care | Yes |
| Ownership/Control | Church | Comprehensive Geriatric | Yes |
| Medicare Discharges | 55.0 % | Hospice Care | Yes |
| Case Mix Index (CMI) | 1.4694 | Medical/Surgical Intensive Care | Yes |
| **STAFFING:** | | Organ/Tissue Transplant | Yes |
| Total Number of Physicians | 210 | Other Intensive Care | No |
| Percent of Physicians Board Certified Specialists | 74.3 % | Trauma Center | No |
| Medical Residents/Interns | 0 | **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Registered Nurses | 375 | Alcohol/Drug | No |
| Licensed Practical Nurses | 106 | Rehabilitation | No |
| | | Psychiatric | Yes |
| | | Medicare Swing Beds | No |

** Except for CMI

* Not used in calculating mortality rates

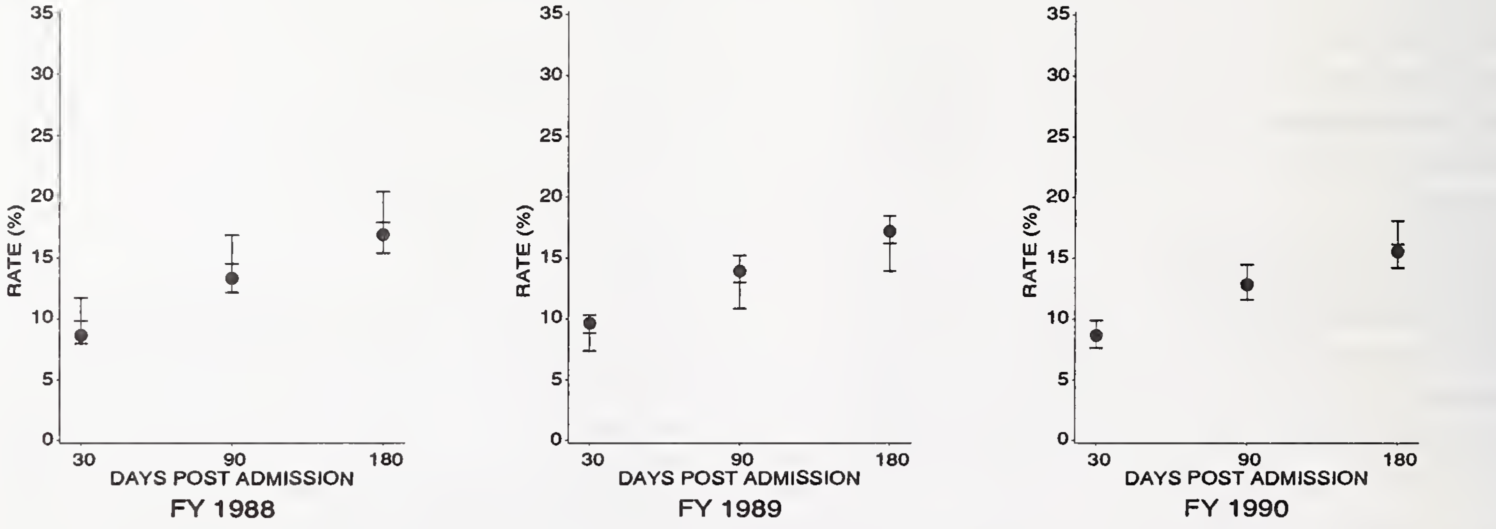
# BAPTIST MEMORIAL HOSPITAL
1007 GOODYEAR AVE
GADSDEN, AL 35999
Medicare Provider Number: 010040

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 2662 | 8.6 | 8.7 | 0.6 | 12.8 | 13.0 | 0.7 | 15.5 | 16.1 | 1.0 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 77 | 29.9 | 27.8 | 6.6 | 35.1 | 30.4 | 7.0 | 36.4 | 33.1 | 6.8 |
| Congestive Heart Failure | 148 | 19.6 | 14.6 | 5.1 | 25.7 | 23.2 | 5.5 | 33.1 | 29.6 | 6.0 |
| Pneumonia/Influenza | 195 | 16.9 | 16.6 | 5.1 | 26.7 | 22.6 | 6.2 | 28.7 | 26.5 | 5.9 |
| Chronic Obstructive Pulmonary Disease | 46 | 4.3 | 6.6 | ----- | 10.9 | 11.8 | ----- | 26.1 | 16.0 | ----- |
| Transient Cerebral Ischemia | 65 | 1.5 | 2.0 | 1.8 | 3.1 | 4.0 | 3.4 | 3.1 | 6.1 | 4.9 |
| Stroke | 92 | 27.2 | 20.4 | 6.2 | 31.5 | 26.3 | 6.9 | 32.6 | 29.7 | 6.7 |
| Hip Fracture | 56 | 1.8 | 6.4 | 5.8 | 7.1 | 11.2 | 6.6 | 10.7 | 14.3 | 5.7 |
| Sepsis | 24 | 16.7 | 26.1 | ----- | 29.2 | 32.9 | ----- | 33.3 | 37.5 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 1 | 0.0 | 1.5 | ----- | 0.0 | 3.3 | ----- | 0.0 | 4.8 | ----- |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 32 | 6.3 | 2.9 | ----- | 9.4 | 6.1 | ----- | 12.5 | 9.2 | ----- |
| Carotid Endarterectomy | 9 | 0.0 | 1.1 | ----- | 11.1 | 1.9 | ----- | 11.1 | 2.8 | ----- |
| Hip Replacement/Reconstruction | 38 | 2.6 | 2.9 | ----- | 5.3 | 5.4 | ----- | 5.3 | 7.2 | ----- |
| Open Reduction of Hip Fracture | 42 | 0.0 | 5.4 | ----- | 4.8 | 9.6 | ----- | 9.5 | 12.5 | ----- |
| Prostatectomy | 87 | 0.0 | 0.9 | 1.3 | 0.0 | 2.2 | 2.6 | 2.3 | 3.9 | 2.5 |
| Cholecystectomy | 69 | 1.4 | 2.2 | 2.0 | 2.9 | 4.4 | 3.7 | 4.3 | 6.1 | 4.8 |
| Hysterectomy | 21 | 0.0 | 0.7 | ----- | 0.0 | 1.4 | ----- | 0.0 | 2.2 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

# BAPTIST MEMORIAL HOSPITAL

Medicare Provider Number: 010040

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 73.0 years |
| Proportion female | 54.1 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 37.1 % |
| Transferred from skilled nursing facility | 0.1 % |
| Admitted for elective procedure | 18.1 % |
| Admitted for emergency | 71.3 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 6.1 % |
| Chronic cardiovascular disease | 40.5 % |
| Chronic liver disease | 0.8 % |
| Chronic renal disease | 1.9 % |
| Chronic pulmonary disease | 26.4 % |
| Cerebrovascular degeneration | 2.4 % |
| Diabetes mellitus | 7.8 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 76.8% |
| State | 22.2% |
| Outside State | 1.0% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 9.4 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 257 |
| Occupancy Rate | 74.0 % |
| Ownership.Control | Private, Non-Profit |
| Medicare Discharges | 43.0 % |
| Case Mix Index (CMI) | 1.2264 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | 123 |
| Percent of Physicians Board Certified Specialists | 65.0 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 296 |
| Licensed Practical Nurses | 37 |

** Except for CMI

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | Yes |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | Yes |
| Trauma Center | Yes |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | Yes |
| Medicare Swing Beds | No |

*** Not used in calculating mortality rates**

# BESSEMER CARRAWAY MEDICAL CENTER

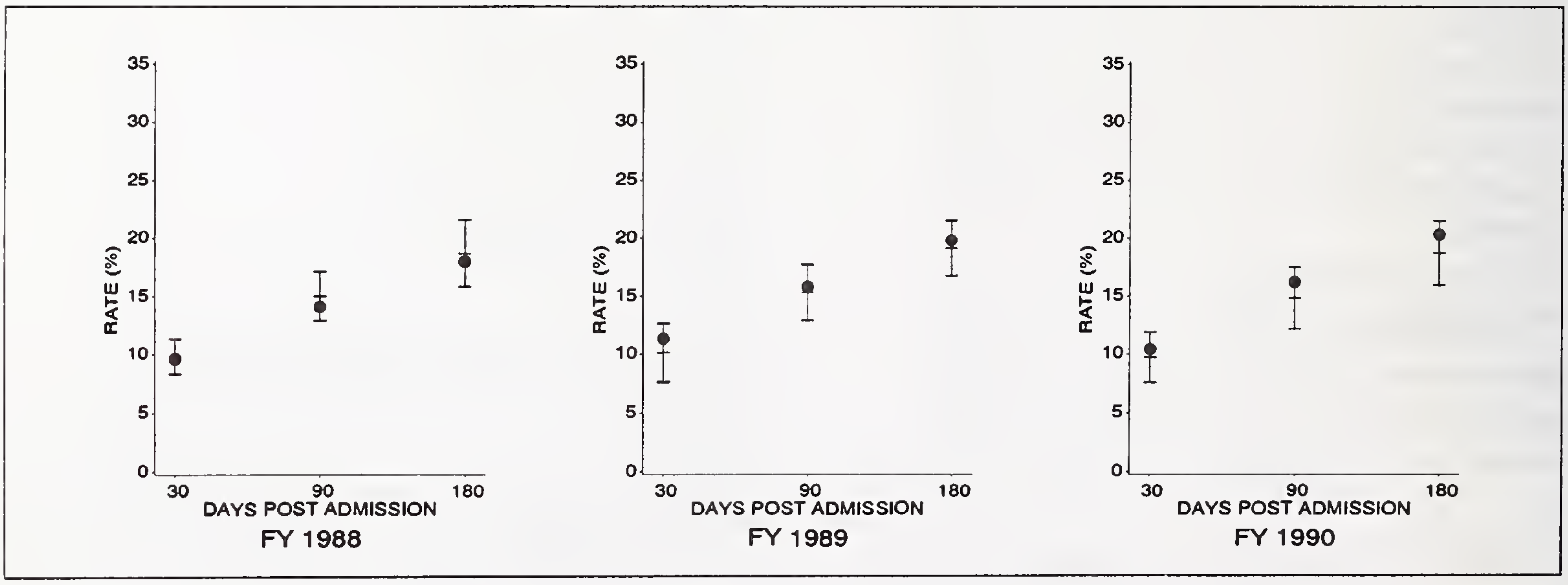
995 9TH AV SW
BESSEMER, AL 35023
Medicare Provider Number: 010114

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 1822 | 10.4 | 9.7 | 1.1 | 16.2 | 14.8 | 1.3 | 20.3 | 18.7 | 1.4 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 33 | 48.5 | 30.3 | ----- | 48.5 | 33.3 | ----- | 51.5 | 36.0 | ----- |
| Congestive Heart Failure | 81 | 9.9 | 13.6 | 6.0 | 21.0 | 21.5 | 6.2 | 25.9 | 27.6 | 5.4 |
| Pneumonia/Influenza | 112 | 25.0 | 15.8 | 5.1 | 31.3 | 21.4 | 5.7 | 34.8 | 25.2 | 5.6 |
| Chronic Obstructive Pulmonary Disease | 68 | 8.8 | 7.4 | 3.4 | 14.7 | 13.2 | 4.6 | 20.6 | 17.7 | 6.4 |
| Transient Cerebral Ischemia | 26 | 3.8 | 3.2 | ----- | 3.8 | 7.0 | ----- | 7.7 | 10.8 | ----- |
| Stroke | 78 | 21.8 | 19.8 | 5.1 | 28.2 | 26.5 | 5.2 | 34.6 | 30.4 | 6.4 |
| Hip Fracture | 41 | 4.9 | 6.8 | ----- | 12.2 | 11.5 | ----- | 17.1 | 14.6 | ----- |
| Sepsis | 24 | 29.2 | 30.2 | ----- | 41.7 | 39.3 | ----- | 41.7 | 44.3 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 16 | 6.3 | 4.3 | ----- | 12.5 | 8.1 | ----- | 18.8 | 11.9 | ----- |
| Carotid Endarterectomy | 11 | 0.0 | 2.1 | ----- | 0.0 | 3.7 | ----- | 0.0 | 5.3 | ----- |
| Hip Replacement/Reconstruction | 29 | 3.4 | 4.6 | ----- | 13.8 | 8.4 | ----- | 17.2 | 11.3 | ----- |
| Open Reduction of Hip Fracture | 15 | 6.7 | 8.0 | ----- | 13.3 | 14.0 | ----- | 26.7 | 17.8 | ----- |
| Prostatectomy | 25 | 0.0 | 1.2 | ----- | 0.0 | 2.7 | ----- | 0.0 | 4.6 | ----- |
| Cholecystectomy | 23 | 0.0 | 3.0 | ----- | 0.0 | 6.3 | ----- | 4.3 | 8.8 | ----- |
| Hysterectomy | 14 | 0.0 | 0.2 | ----- | 0.0 | 0.3 | ----- | 0.0 | 0.6 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# BESSEMER CARRAWAY MEDICAL CENTER

Medicare Provider Number: 010114

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 74.9 years |
| Proportion female | 60.5 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 40.5 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.7 % |
| Admitted for emergency | 63.2 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 6.0 % |
| Chronic cardiovascular disease | 31.3 % |
| Chronic liver disease | 1.4 % |
| Chronic renal disease | 5.4 % |
| Chronic pulmonary disease | 18.9 % |
| Cerebrovascular degeneration | 4.0 % |
| Diabetes mellitus | 9.7 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 85.9% |
| State | 12.8% |
| Outside State | 1.3% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 7.9 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 209 |
| Occupancy Rate | 59.0 % |
| Ownership.Control | Private, Non-Profit |
| Medicare Discharges | 52.9 % |
| Case Mix Index (CMI) | 1.2068 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | 73 |
| Percent of Physicians Board Certified Specialists | 86.3 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 109 |
| Licensed Practical Nurses | 67 |

** Except for CMI

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | Yes |
| Comprehensive Geriatric | No |
| Hospice Care | Yes |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | Yes |
| Psychiatric | Yes |
| Medicare Swing Beds | No |

*** Not used in calculating mortality rates**

# BIBB MEDICAL CENTER HOSPITAL

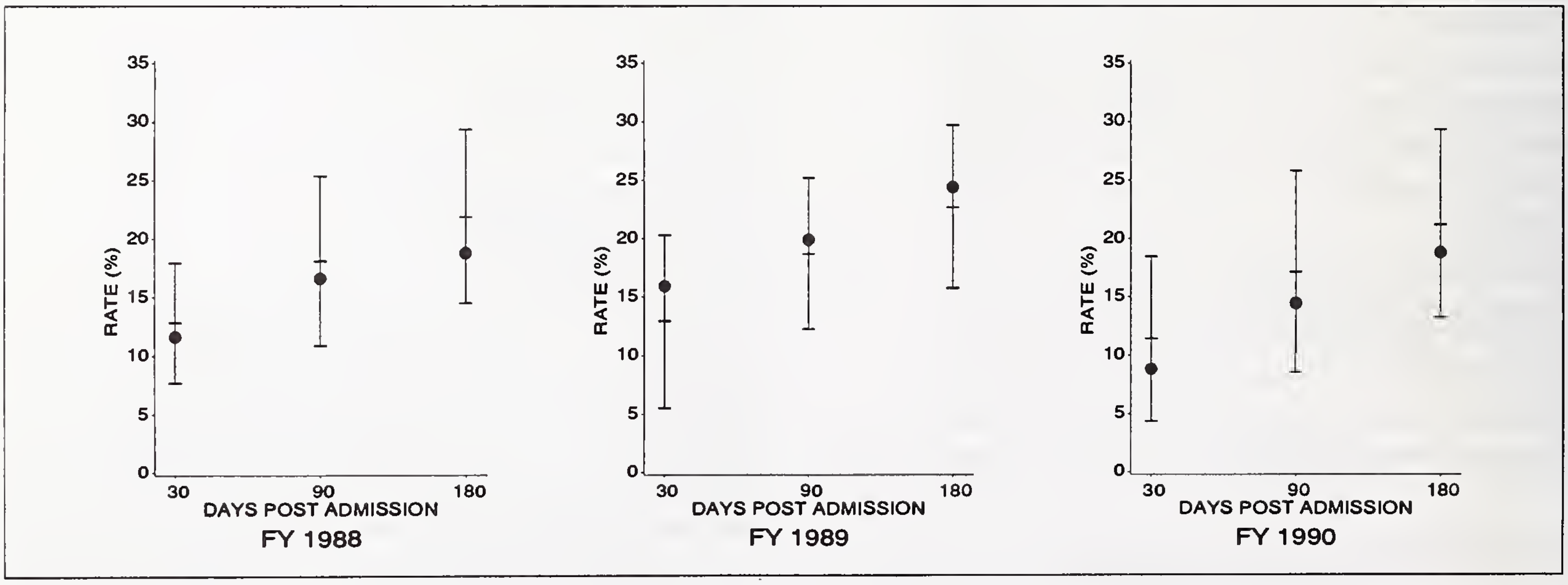
164 PIERSON AVE
CENTREVILLE, AL 35042
Medicare Provider Number: 010058

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 181 | 8.8 | 11.4 | 3.5 | 14.4 | 17.1 | 4.3 | 18.8 | 21.2 | 4.1 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 5 | 60.0 | 34.7 | ----- | 60.0 | 40.1 | ----- | 60.0 | 44.2 | ----- |
| Congestive Heart Failure | 10 | 10.0 | 12.4 | ----- | 20.0 | 19.6 | ----- | 40.0 | 25.6 | ----- |
| Pneumonia/Influenza | 15 | 6.7 | 17.3 | ----- | 20.0 | 23.9 | ----- | 26.7 | 28.5 | ----- |
| Chronic Obstructive Pulmonary Disease | 11 | 0.0 | 10.7 | ----- | 0.0 | 18.3 | ----- | 0.0 | 23.1 | ----- |
| Transient Cerebral Ischemia | 2 | 0.0 | 1.8 | ----- | 0.0 | 4.1 | ----- | 0.0 | 6.5 | ----- |
| Stroke | 13 | 0.0 | 24.6 | ----- | 23.1 | 34.5 | ----- | 23.1 | 39.3 | ----- |
| Hip Fracture | 1 | 100.0 | 17.4 | ----- | 100.0 | 27.5 | ----- | 100.0 | 33.1 | ----- |
| Sepsis | 0 | | | | | | | | | |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 1 | 0.0 | 0.8 | ----- | 0.0 | 1.4 | ----- | 0.0 | 1.8 | ----- |
| Hysterectomy | 1 | 0.0 | 0.1 | ----- | 0.0 | 0.3 | ----- | 0.0 | 0.6 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# BIBB MEDICAL CENTER HOSPITAL

Medicare Provider Number: 010058

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 75.7 years |
| Proportion female | 55.2 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 39.2 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 5.0 % |
| Admitted for emergency | 91.7 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 5.5 % |
| Chronic cardiovascular disease | 56.4 % |
| Chronic liver disease | 0.6 % |
| Chronic renal disease | 2.2 % |
| Chronic pulmonary disease | 38.7 % |
| Cerebrovascular degeneration | 1.7 % |
| Diabetes mellitus | 10.5 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 84.2% |
| State | 14.2% |
| Outside State | 1.6% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 6.2 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 128 |
| Occupancy Rate | 85.0 % |
| Ownership/Control | Local Government |
| Medicare Discharges | (Not Available) |
| Case Mix Index (CMI) | 1.0024 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | (Not Available) |
| Percent of Physicians Board Certified Specialists | (Not Available) |
| Medical Residents/Interns | (Not Available) |
| Registered Nurses | (Not Available) |
| Licensed Practical Nurses | (Not Available) |

** Except for CMI

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | No |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | Yes |

*** Not used in calculating mortality rates**

## BLOUNT MEMORIAL HOSPITAL

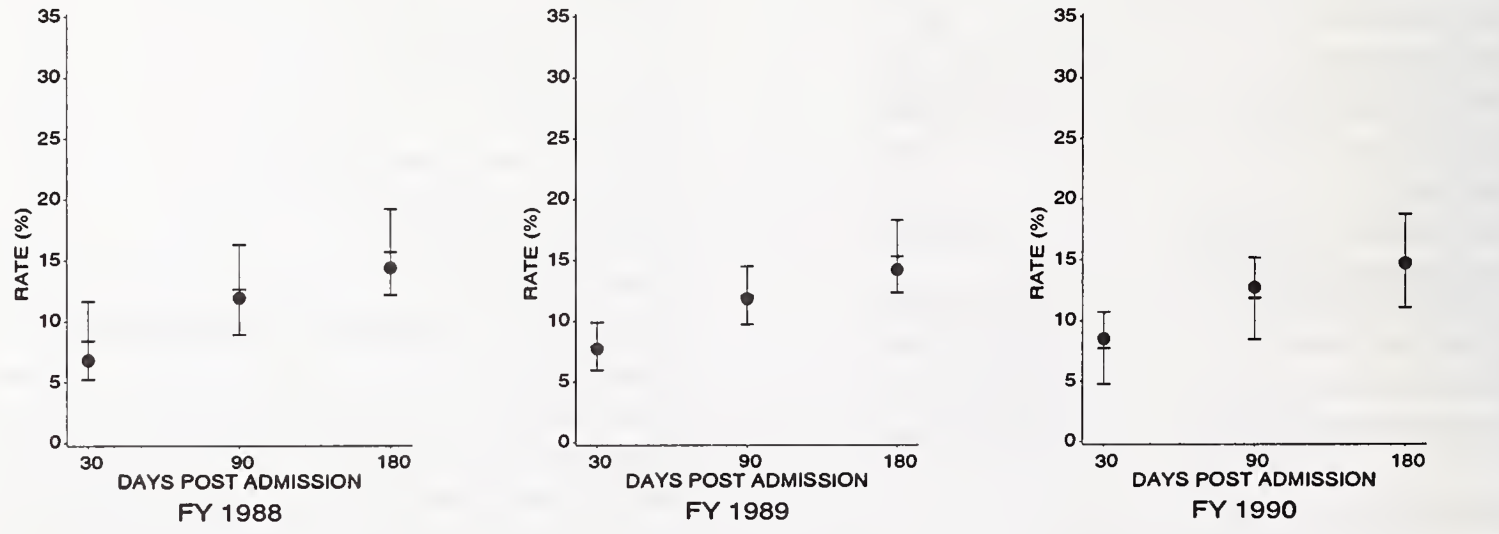
1000 LINCOLN AVE
ONEONTA, AL 35121
Medicare Provider Number: 010050

### FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 803 | 8.5 | 7.7 | 1.5 | 12.7 | 11.8 | 1.7 | 14.7 | 14.9 | 1.9 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 15 | 33.3 | 18.6 | ----- | 33.3 | 22.7 | ----- | 33.3 | 25.5 | ----- |
| Congestive Heart Failure | 33 | 18.2 | 15.3 | ----- | 27.3 | 23.9 | ----- | 33.3 | 30.5 | ----- |
| Pneumonia/Influenza | 72 | 11.1 | 13.0 | 4.3 | 16.7 | 18.2 | 4.7 | 18.1 | 21.6 | 6.1 |
| Chronic Obstructive Pulmonary Disease | 60 | 5.0 | 6.2 | 3.7 | 10.0 | 11.1 | 4.1 | 10.0 | 14.8 | 5.3 |
| Transient Cerebral Ischemia | 21 | 0.0 | 2.1 | ----- | 0.0 | 4.7 | ----- | 9.5 | 7.4 | ----- |
| Stroke | 45 | 15.6 | 22.4 | ----- | 31.1 | 29.0 | ----- | 33.3 | 33.2 | ----- |
| Hip Fracture | 3 | 0.0 | 5.6 | ----- | 0.0 | 11.0 | ----- | 33.3 | 16.5 | ----- |
| Sepsis | 7 | 57.1 | 24.1 | ----- | 57.1 | 30.9 | ----- | 57.1 | 35.2 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 9 | 0.0 | 3.4 | ----- | 11.1 | 7.2 | ----- | 11.1 | 10.7 | ----- |
| Hysterectomy | 1 | 0.0 | 0.4 | ----- | 0.0 | 1.0 | ----- | 0.0 | 1.6 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

# BLOUNT MEMORIAL HOSPITAL

Medicare Provider Number: 010050

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | |
|---|---|
| **DEMOGRAPHICS:** | |
| Average age at admission | 74.4 years |
| Proportion female | 59.2 % |
| **ADMISSION SOURCES/TYPES:** | |
| Referred by personal or HMO physician | 40.2 % |
| Transferred from skilled nursing facility | 1.6 % |
| Admitted for elective procedure | 0.0 % |
| Admitted for emergency | 1.7 % |

| | |
|---|---|
| **COMORBIDITIES:** | |
| Cancer | 3.7 % |
| Chronic cardiovascular disease | 41.4 % |
| Chronic liver disease | 0.2 % |
| Chronic renal disease | 1.0 % |
| Chronic pulmonary disease | 20.9 % |
| Cerebrovascular degeneration | 2.7 % |
| Diabetes mellitus | 6.5 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | |
|---|---|
| **ORIGIN OF MEDICARE PATIENT ADMISSION:** | |
| County/City | 69.3% |
| State | 29.6% |
| Outside State | 1.1% |
| Total | 100.0% |

| | |
|---|---|
| **MEDICARE AVERAGE LENGTH OF STAY:** | |
| Hospital | 6.1 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | |
|---|---|
| **PROFILE:** | |
| Total Beds | 81 |
| Occupancy Rate | 45.0 % |
| Ownership.Control | Private, Non-Profit |
| Medicare Discharges | (Not Available) |
| Case Mix Index (CMI) | 0.9415 |
| **STAFFING:** | |
| Total Number of Physicians | 9 |
| Percent of Physicians Board Certified Specialists | 100.0 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 27 |
| Licensed Practical Nurses | 20 |

| | |
|---|---|
| **SPECIALTY SERVICES:** | |
| Burn Unit | No |
| Cardiac Intensive Care | Yes |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | No |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |
| **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# BOAZ ALBERTVILLE MEDICAL CENTER

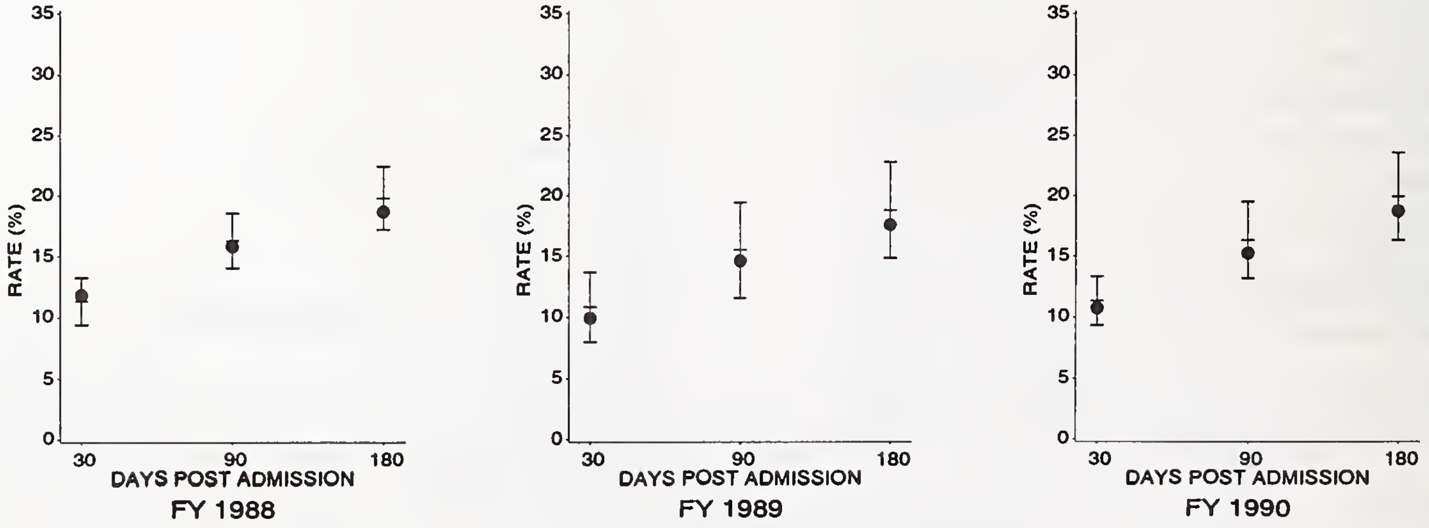
HIGHWAY 431 N
BOAZ, AL 35957
Medicare Provider Number: 010005

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 1335 | 10.7 | 11.3 | 1.0 | 15.2 | 16.3 | 1.6 | 18.7 | 19.9 | 1.8 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 39 | 35.9 | 26.3 | ----- | 35.9 | 28.9 | ----- | 38.5 | 31.4 | ----- |
| Congestive Heart Failure | 74 | 17.6 | 14.9 | 5.0 | 24.3 | 23.4 | 5.3 | 27.0 | 30.0 | 5.8 |
| Pneumonia/Influenza | 84 | 22.6 | 17.5 | 7.4 | 26.2 | 23.6 | 6.2 | 29.8 | 27.8 | 5.8 |
| Chronic Obstructive Pulmonary Disease | 22 | 4.5 | 6.8 | ----- | 4.5 | 11.7 | ----- | 13.6 | 16.0 | ----- |
| Transient Cerebral Ischemia | 27 | 3.7 | 2.3 | ----- | 3.7 | 5.3 | ----- | 3.7 | 8.9 | ----- |
| Stroke | 60 | 23.3 | 24.3 | 5.9 | 28.3 | 31.1 | 7.3 | 35.0 | 34.9 | 9.5 |
| Hip Fracture | 40 | 2.5 | 7.3 | ----- | 7.5 | 12.0 | ----- | 12.5 | 15.2 | ----- |
| Sepsis | 14 | 7.1 | 27.7 | ----- | 14.3 | 36.6 | ----- | 21.4 | 41.6 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 1 | 0.0 | 2.5 | ----- | 0.0 | 6.0 | ----- | 0.0 | 10.6 | ----- |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 22 | 0.0 | 4.5 | ----- | 4.5 | 8.0 | ----- | 9.1 | 10.5 | ----- |
| Open Reduction of Hip Fracture | 17 | 0.0 | 7.9 | ----- | 5.9 | 13.3 | ----- | 11.8 | 16.9 | ----- |
| Prostatectomy | 40 | 0.0 | 0.8 | ----- | 2.5 | 1.8 | ----- | 2.5 | 3.1 | ----- |
| Cholecystectomy | 38 | 2.6 | 2.4 | ----- | 2.6 | 4.4 | ----- | 2.6 | 5.8 | ----- |
| Hysterectomy | 7 | 0.0 | 0.2 | ----- | 0.0 | 0.5 | ----- | 0.0 | 0.8 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# BOAZ ALBERTVILLE MEDICAL CENTER

Medicare Provider Number: 010005

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | | | |
|---|---|---|---|
| DEMOGRAPHICS: | | COMORBIDITIES: | |
| Average age at admission | 75.0 years | Cancer | 4.3 % |
| Proportion female | 58.1 % | Chronic cardiovascular disease | 40.6 % |
| ADMISSION SOURCES/TYPES: | | Chronic liver disease | 0.7 % |
| Referred by personal or HMO physician | 31.6 % | Chronic renal disease | 3.7 % |
| Transferred from skilled nursing facility | 0.5 % | Chronic pulmonary disease | 28.3 % |
| Admitted for elective procedure | 0.1 % | Cerebrovascular degeneration | 3.4 % |
| Admitted for emergency | 70.2 % | Diabetes mellitus | 7.0 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | | | |
|---|---|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | | MEDICARE AVERAGE LENGTH OF STAY: | |
| County/City | 76.9% | Hospital | 7.6 Days |
| State | 21.5% | State | 7.9 Days |
| Outside State | 1.6% | National | 8.6 Days |
| Total | 100.0% | | |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | | | |
|---|---|---|---|
| PROFILE: | | SPECIALTY SERVICES: | |
| Total Beds | 102 | Burn Unit | No |
| Occupancy Rate | 72.0 % | Cardiac Intensive Care | No |
| Ownership/Control | Local Government | Comprehensive Geriatric | No |
| Medicare Discharges | 45.7 % | Hospice Care | No |
| Case Mix Index (CMI) | 1.1605 | Medical/Surgical Intensive Care | Yes |
| STAFFING: | | Organ/Tissue Transplant | No |
| Total Number of Physicians | 43 | Other Intensive Care | No |
| Percent of Physicians Board Certified Specialists | 53.5 % | Trauma Center | No |
| | | OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| Medical Residents/Interns | 0 | Alcohol/Drug | No |
| Registered Nurses | 86 | Rehabilitation | No |
| Licensed Practical Nurses | 35 | Psychiatric | No |
| | | Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# BRYAN W WHITFIELD MEMORIAL HOSPITAL

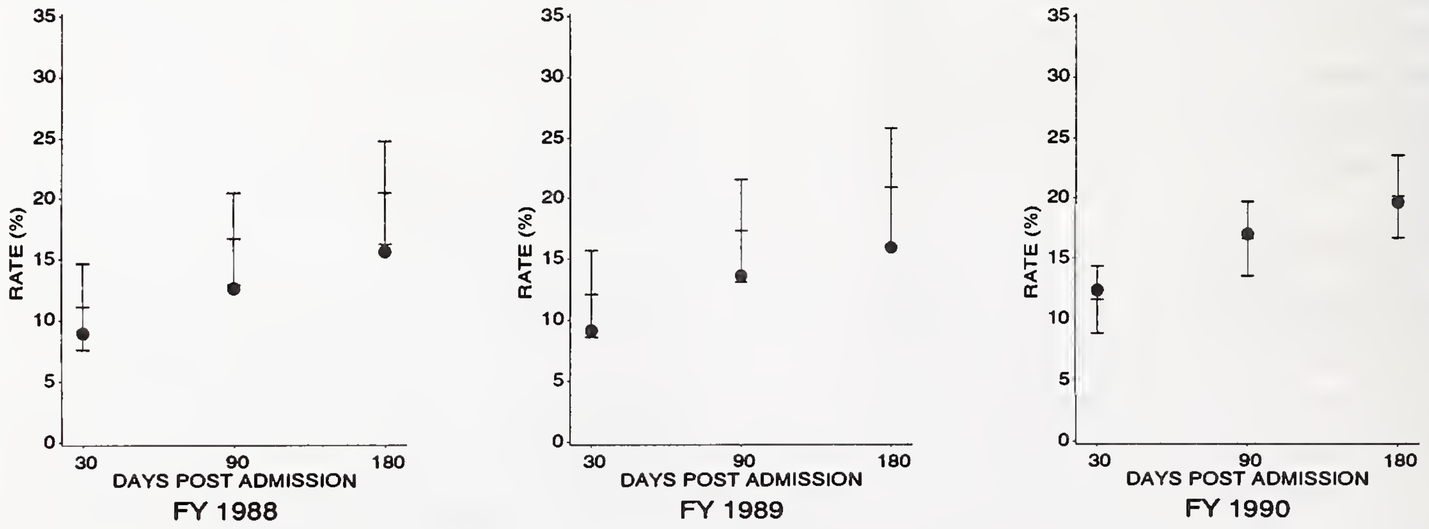
105 HIGHWAY 80 E BOX 890
DEMOPOLIS, AL 36732
Medicare Provider Number: 010112

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 607 | 12.4 | 11.6 | 1.4 | 17.0 | 16.6 | 1.5 | 19.6 | 20.1 | 1.7 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 16 | 31.3 | 31.9 | ----- | 37.5 | 34.7 | ----- | 37.5 | 37.3 | ----- |
| Congestive Heart Failure | 33 | 12.1 | 14.7 | ----- | 27.3 | 23.2 | ----- | 36.4 | 29.5 | ----- |
| Pneumonia/Influenza | 77 | 13.0 | 18.2 | 7.3 | 19.5 | 24.5 | 10.1 | 22.1 | 28.5 | 10.0 |
| Chronic Obstructive Pulmonary Disease | 13 | 0.0 | 8.3 | ----- | 0.0 | 14.6 | ----- | 0.0 | 19.3 | ----- |
| Transient Cerebral Ischemia | 10 | 10.0 | 2.3 | ----- | 10.0 | 5.0 | ----- | 10.0 | 8.2 | ----- |
| Stroke | 38 | 39.5 | 25.6 | ----- | 42.1 | 30.7 | ----- | 47.4 | 34.1 | ----- |
| Hip Fracture | 13 | 15.4 | 6.5 | ----- | 15.4 | 11.3 | ----- | 15.4 | 14.5 | ----- |
| Sepsis | 14 | 14.3 | 35.9 | ----- | 42.9 | 42.0 | ----- | 50.0 | 46.3 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 12 | 8.3 | 5.6 | ----- | 16.7 | 10.2 | ----- | 16.7 | 12.9 | ----- |
| Open Reduction of Hip Fracture | 4 | 25.0 | 6.7 | ----- | 25.0 | 11.3 | ----- | 25.0 | 14.3 | ----- |
| Prostatectomy | 4 | 0.0 | 3.3 | ----- | 0.0 | 7.1 | ----- | 0.0 | 11.0 | ----- |
| Cholecystectomy | 12 | 0.0 | 5.4 | ----- | 8.3 | 9.3 | ----- | 8.3 | 11.4 | ----- |
| Hysterectomy | 1 | 0.0 | 4.8 | ----- | 0.0 | 6.5 | ----- | 0.0 | 8.4 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# BRYAN W WHITFIELD MEMORIAL HOSPITAL

Medicare Provider Number: 010112

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | | | |
|---|---|---|---|
| DEMOGRAPHICS: | | COMORBIDITIES: | |
| Average age at admission | 74.4 years | Cancer | 4.9 % |
| Proportion female | 61.3 % | Chronic cardiovascular disease | 43.8 % |
| ADMISSION SOURCES/TYPES: | | Chronic liver disease | 0.2 % |
| Referred by personal or HMO physician | 33.3 % | Chronic renal disease | 4.9 % |
| Transferred from skilled nursing facility | 1.0 % | Chronic pulmonary disease | 19.4 % |
| Admitted for elective procedure | 0.0 % | Cerebrovascular degeneration | 4.1 % |
| Admitted for emergency | 95.4 % | Diabetes mellitus | 10.0 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | | | |
|---|---|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | | MEDICARE AVERAGE LENGTH OF STAY: | |
| County/City | 64.4% | Hospital | 9.6 Days |
| State | 33.5% | State | 7.9 Days |
| Outside State | 2.1% | National | 8.6 Days |
| Total | 100.0% | | |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | | | |
|---|---|---|---|
| PROFILE: | | SPECIALTY SERVICES: | |
| Total Beds | 99 | Burn Unit | No |
| Occupancy Rate | 54.0 % | Cardiac Intensive Care | No |
| Ownership/Control | Local Government | Comprehensive Geriatric | No |
| Medicare Discharges | 24.5 % | Hospice Care | No |
| Case Mix Index (CMI) | 1.1392 | Medical/Surgical Intensive Care | Yes |
| STAFFING: | | Organ/Tissue Transplant | No |
| Total Number of Physicians | 10 | Other Intensive Care | No |
| Percent of Physicians Board Certified Specialists | 20.0 % | Trauma Center | No |
| | | OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| Medical Residents/Interns | 0 | Alcohol/Drug | No |
| Registered Nurses | 43 | Rehabilitation | No |
| Licensed Practical Nurses | 34 | Psychiatric | No |
| | | Medicare Swing Beds | Yes |

** Except for CMI

*** Not used in calculating mortality rates**

# BULLOCK COUNTY HOSPITAL

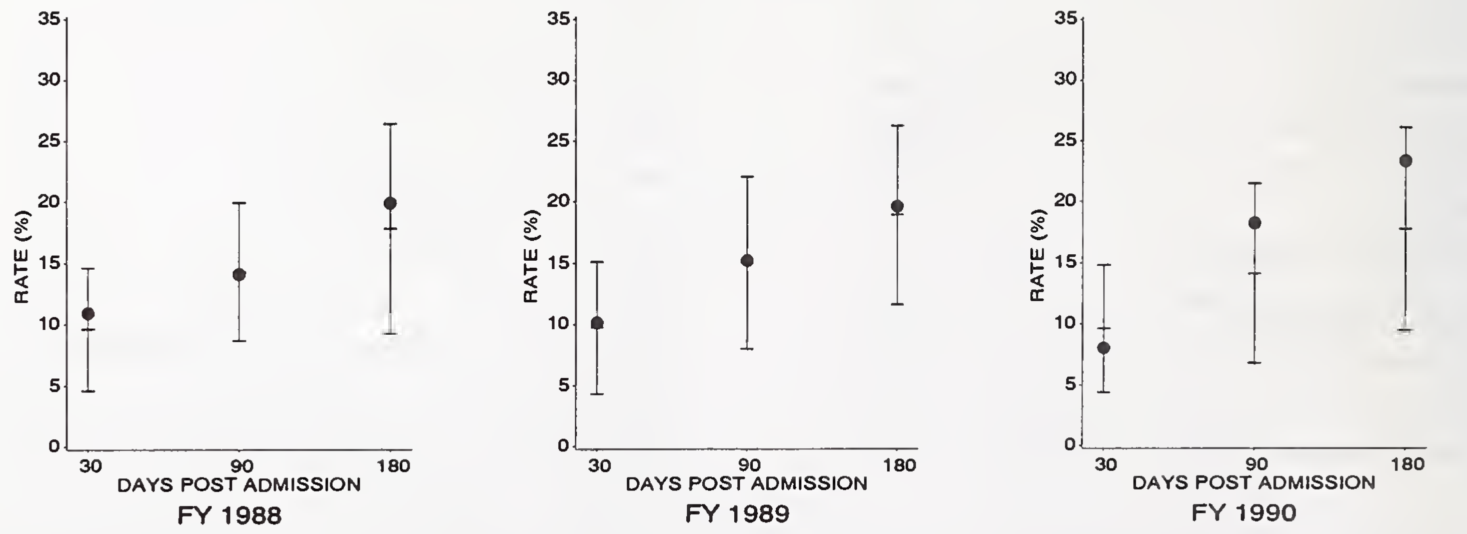
102 W CONECUH AVE
UNION SPRINGS, AL 36089
Medicare Provider Number: 010110

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | PRED | SD* | 90 DAYS OBS | PRED | SD* | 180 DAYS OBS | PRED | SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 176 | 8.0 | 9.6 | 2.6 | 18.2 | 14.1 | 3.7 | 23.3 | 17.7 | 4.2 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 6 | 33.3 | 34.4 | ----- | 33.3 | 37.4 | ----- | 50.0 | 41.2 | ----- |
| Congestive Heart Failure | 12 | 0.0 | 12.2 | ----- | 16.7 | 19.7 | ----- | 16.7 | 25.8 | ----- |
| Pneumonia/Influenza | 12 | 25.0 | 18.3 | ----- | 41.7 | 24.8 | ----- | 41.7 | 28.5 | ----- |
| Chronic Obstructive Pulmonary Disease | 7 | 0.0 | 8.2 | ----- | 42.9 | 14.3 | ----- | 57.1 | 19.2 | ----- |
| Transient Cerebral Ischemia | 3 | 0.0 | 1.3 | ----- | 33.3 | 3.0 | ----- | 33.3 | 5.0 | ----- |
| Stroke | 4 | 0.0 | 16.0 | ----- | 25.0 | 21.1 | ----- | 25.0 | 24.7 | ----- |
| Hip Fracture | 0 | | | | | | | | | |
| Sepsis | 4 | 25.0 | 17.7 | ----- | 50.0 | 20.9 | ----- | 50.0 | 24.3 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 0 | | | | | | | | | |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# BULLOCK COUNTY HOSPITAL

Medicare Provider Number: 010110

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | | | |
|---|---|---|---|
| **DEMOGRAPHICS:** | | **COMORBIDITIES:** | |
| Average age at admission | 76.2 years | Cancer | 4.0 % |
| Proportion female | 65.9 % | Chronic cardiovascular disease | 44.3 % |
| **ADMISSION SOURCES/TYPES:** | | Chronic liver disease | 0.6 % |
| Referred by personal or HMO physician | 94.3 % | Chronic renal disease | 6.8 % |
| Transferred from skilled nursing facility | 0.6 % | Chronic pulmonary disease | 13.6 % |
| Admitted for elective procedure | 0.0 % | Cerebrovascular degeneration | 1.7 % |
| Admitted for emergency | 44.3 % | Diabetes mellitus | 9.1 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | | | |
|---|---|---|---|
| **ORIGIN OF MEDICARE PATIENT ADMISSION:** | | **MEDICARE AVERAGE LENGTH OF STAY:** | |
| County/City | 85.3% | Hospital | 5.6 Days |
| State | 13.3% | State | 7.9 Days |
| Outside State | 1.4% | National | 8.6 Days |
| Total | 100.0% | | |

## HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1991

| | | | |
|---|---|---|---|
| **PROFILE:** | | **SPECIALTY SERVICES:** | |
| Total Beds | 30 | Burn Unit | No |
| Ownership/Control | Local Government | Coronary Care Unit | No |
| Case Mix Index (CMI) | 0.9080 | Hospice Care | No |
| **STAFFING:** | | Intensive Care Unit | No |
| Medical Residents/Interns | 1 | Organ Transplant | No |
| Registered Nurses | 11 | Trauma Center | No |
| Licensed Practical Nurses | 8 | **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| | | Alcohol/Drug | No |
| | | Rehabilitation | No |
| | | Psychiatric | No |
| | | Medicare Swing Beds | Yes |

** Except for CMI

* Not used in calculating mortality rates

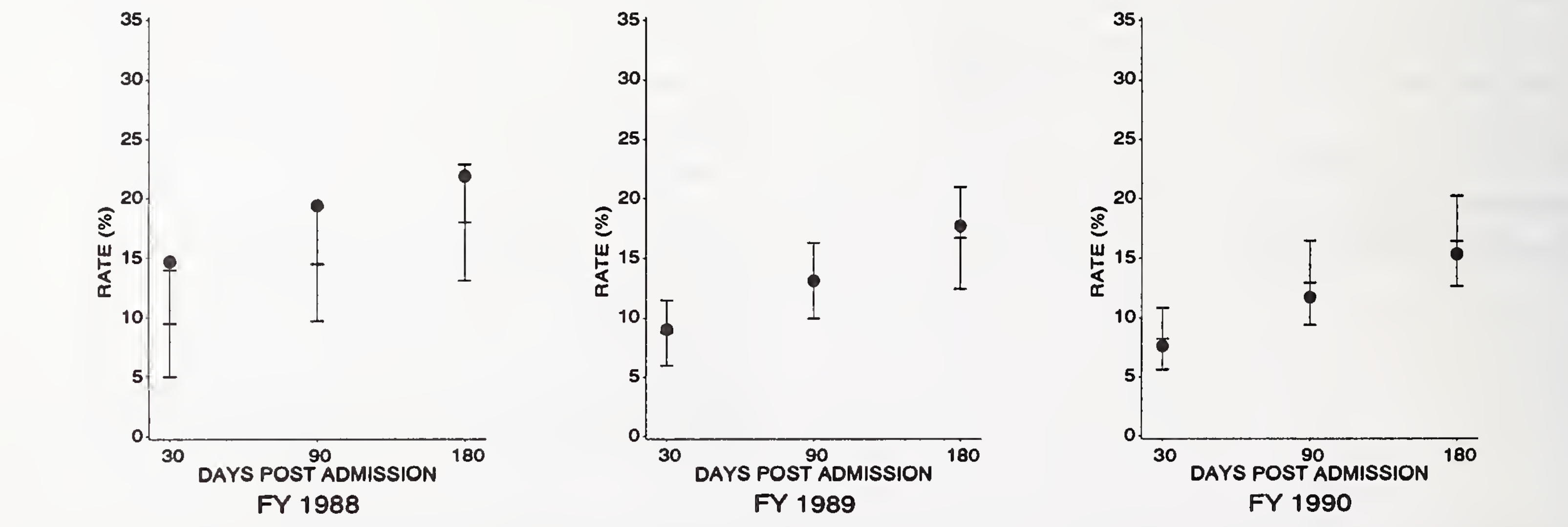
# BURDICK-WEST MEMORIAL HOSPITAL
HIGHWAY 195 BOX 780
HALEYVILLE, AL 35565
Medicare Provider Number: 010125

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 511 | 7.6 | 8.2 | 1.3 | 11.7 | 12.9 | 1.8 | 15.3 | 16.4 | 1.9 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 6 | 16.7 | 32.3 | ----- | 16.7 | 35.4 | ----- | 16.7 | 38.7 | ----- |
| Congestive Heart Failure | 28 | 32.1 | 14.3 | ----- | 42.9 | 23.6 | ----- | 42.9 | 29.8 | ----- |
| Pneumonia/Influenza | 44 | 13.6 | 16.8 | ----- | 22.7 | 23.0 | ----- | 29.5 | 26.8 | ----- |
| Chronic Obstructive Pulmonary Disease | 27 | 0.0 | 3.7 | ----- | 0.0 | 7.3 | ----- | 3.7 | 10.4 | ----- |
| Transient Cerebral Ischemia | 8 | 0.0 | 1.7 | ----- | 0.0 | 4.1 | ----- | 12.5 | 6.4 | ----- |
| Stroke | 14 | 28.6 | 17.4 | ----- | 28.6 | 23.5 | ----- | 28.6 | 27.3 | ----- |
| Hip Fracture | 1 | 0.0 | 4.7 | ----- | 0.0 | 9.0 | ----- | 0.0 | 11.7 | ----- |
| Sepsis | 2 | 50.0 | 47.9 | ----- | 50.0 | 58.4 | ----- | 50.0 | 65.4 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 2 | 0.0 | 1.1 | ----- | 0.0 | 1.6 | ----- | 0.0 | 2.2 | ----- |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# BURDICK-WEST MEMORIAL HOSPITAL

Medicare Provider Number: 010125

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | |
|---|---|
| **DEMOGRAPHICS:** | |
| Average age at admission | 73.0 years |
| Proportion female | 56.4 % |
| **ADMISSION SOURCES/TYPES:** | |
| Referred by personal or HMO physician | 83.2 % |
| Transferred from skilled nursing facility | 0.4 % |
| Admitted for elective procedure | 0.0 % |
| Admitted for emergency | 58.1 % |

| | |
|---|---|
| **COMORBIDITIES:** | |
| Cancer | 3.1 % |
| Chronic cardiovascular disease | 35.2 % |
| Chronic liver disease | 0.0 % |
| Chronic renal disease | 4.1 % |
| Chronic pulmonary disease | 23.3 % |
| Cerebrovascular degeneration | 2.9 % |
| Diabetes mellitus | 7.4 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | |
|---|---|
| **ORIGIN OF MEDICARE PATIENT ADMISSION:** | |
| County/City | 84.1% |
| State | 15.0% |
| Outside State | 0.9% |
| Total | 100.0% |

| | |
|---|---|
| **MEDICARE AVERAGE LENGTH OF STAY:** | |
| Hospital | 6.3 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | |
|---|---|
| **PROFILE:** | |
| Total Beds | 47 |
| Occupancy Rate | 70.0 % |
| Ownership/Control | Local Government |
| Medicare Discharges | 38.0 % |
| Case Mix Index (CMI) | 1.0159 |
| **STAFFING:** | |
| Total Number of Physicians | 8 |
| Percent of Physicians Board Certified Specialists | 25.0 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 30 |
| Licensed Practical Nurses | 31 |

| | |
|---|---|
| **SPECIALTY SERVICES:** | |
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |
| **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# CARRAWAY METHODIST MEDICAL CENTER

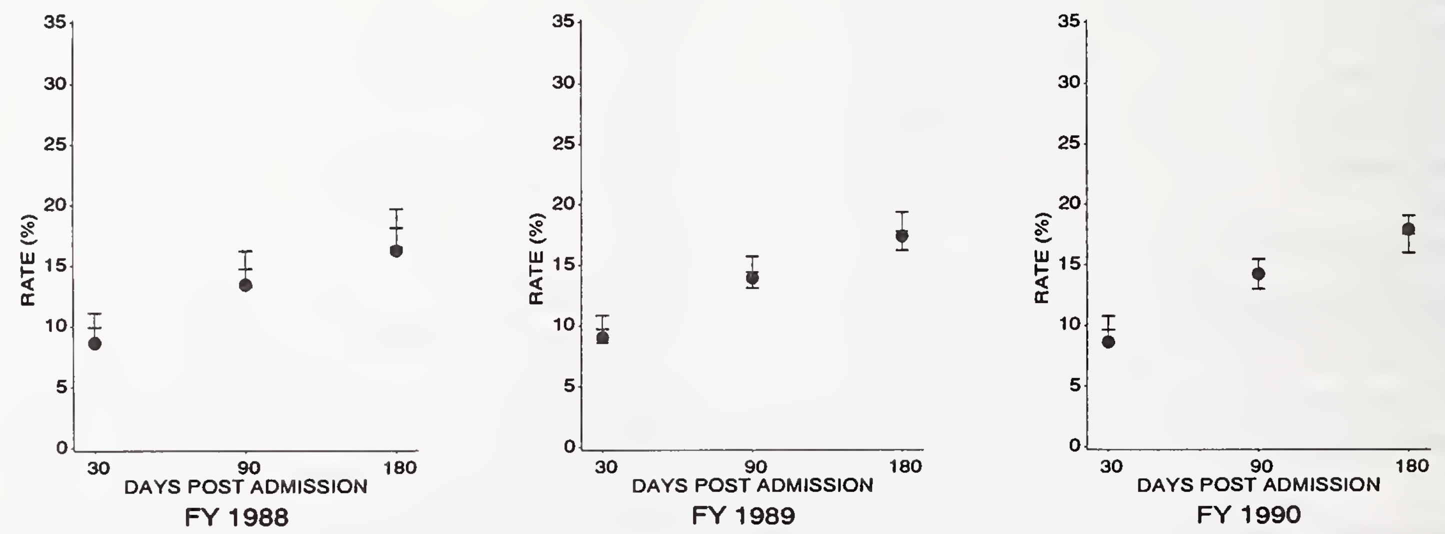
1600 N 26TH ST
BIRMINGHAM, AL 35234
Medicare Provider Number: 010064

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 3773 | 8.6 | 9.6 | 0.6 | 14.2 | 14.2 | 0.6 | 17.9 | 17.5 | 0.8 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 132 | 18.9 | 25.7 | 6.5 | 24.2 | 28.2 | 6.0 | 26.5 | 30.6 | 6.3 |
| Congestive Heart Failure | 161 | 15.5 | 14.0 | 4.1 | 24.2 | 22.2 | 4.6 | 32.9 | 28.2 | 6.2 |
| Pneumonia/Influenza | 126 | 10.3 | 15.1 | 6.1 | 16.7 | 20.8 | 6.7 | 21.4 | 24.2 | 6.4 |
| Chronic Obstructive Pulmonary Disease | 55 | 3.6 | 7.4 | 4.0 | 10.9 | 12.8 | 4.9 | 12.7 | 16.9 | 5.6 |
| Transient Cerebral Ischemia | 50 | 0.0 | 2.7 | ----- | 0.0 | 5.6 | ----- | 2.0 | 8.4 | ----- |
| Stroke | 137 | 24.8 | 25.4 | 3.8 | 32.8 | 31.7 | 4.7 | 37.2 | 35.4 | 4.7 |
| Hip Fracture | 60 | 11.7 | 7.3 | 4.1 | 23.3 | 12.5 | 7.2 | 30.0 | 16.0 | 8.9 |
| Sepsis | 68 | 25.0 | 25.2 | 7.9 | 33.8 | 33.8 | 6.7 | 38.2 | 38.3 | 6.8 |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 103 | 1.9 | 3.9 | 2.5 | 1.9 | 4.8 | 2.9 | 2.9 | 5.8 | 3.0 |
| Coronary Artery Bypass Graft | 140 | 7.9 | 8.2 | 2.5 | 15.0 | 11.3 | 3.5 | 16.4 | 12.5 | 3.8 |
| Initial Pacemaker Insertion | 19 | 10.5 | 2.9 | ----- | 15.8 | 6.2 | ----- | 15.8 | 9.7 | ----- |
| Carotid Endarterectomy | 27 | 0.0 | 1.4 | ----- | 0.0 | 2.6 | ----- | 0.0 | 3.8 | ----- |
| Hip Replacement/Reconstruction | 25 | 4.0 | 4.1 | ----- | 12.0 | 7.2 | ----- | 16.0 | 9.5 | ----- |
| Open Reduction of Hip Fracture | 36 | 13.9 | 6.9 | ----- | 25.0 | 12.4 | ----- | 27.8 | 16.0 | ----- |
| Prostatectomy | 86 | 2.3 | 1.1 | 1.7 | 3.5 | 2.4 | 2.1 | 5.8 | 4.0 | 2.6 |
| Cholecystectomy | 61 | 0.0 | 2.7 | 2.7 | 1.6 | 4.7 | 3.3 | 3.3 | 6.2 | 3.6 |
| Hysterectomy | 24 | 4.2 | 1.3 | ----- | 4.2 | 2.5 | ----- | 4.2 | 3.7 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

# CARRAWAY METHODIST MEDICAL CENTER

Medicare Provider Number: 010064

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | |
|---|---|
| **DEMOGRAPHICS:** | |
| Average age at admission | 72.3 years |
| Proportion female | 53.5 % |
| **ADMISSION SOURCES/TYPES:** | |
| Referred by personal or HMO physician | 42.7 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.0 % |
| Admitted for emergency | 57.4 % |

| | |
|---|---|
| **COMORBIDITIES:** | |
| Cancer | 7.2 % |
| Chronic cardiovascular disease | 45.3 % |
| Chronic liver disease | 1.0 % |
| Chronic renal disease | 5.5 % |
| Chronic pulmonary disease | 18.7 % |
| Cerebrovascular degeneration | 2.6 % |
| Diabetes mellitus | 9.4 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | |
|---|---|
| **ORIGIN OF MEDICARE PATIENT ADMISSION:** | |
| County/City | 58.6% |
| State | 39.9% |
| Outside State | 1.5% |
| Total | 100.0% |

| | |
|---|---|
| **MEDICARE AVERAGE LENGTH OF STAY:** | |
| Hospital | 10.2 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | |
|---|---|
| **PROFILE:** | |
| Total Beds | 439 |
| Occupancy Rate | 73.0 % |
| Ownership/Control | Church |
| Medicare Discharges | 41.3 % |
| Case Mix Index (CMI) | 1.5068 |
| **STAFFING:** | |
| Total Number of Physicians | 176 |
| Percent of Physicians Board Certified Specialists | 75.0 % |
| Medical Residents/Interns | 72 |
| Registered Nurses | 484 |
| Licensed Practical Nurses | 71 |

| | |
|---|---|
| **SPECIALTY SERVICES:** | |
| Burn Unit | No |
| Cardiac Intensive Care | Yes |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | Yes |
| Trauma Center | Yes |
| **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Alcohol/Drug | Yes |
| Rehabilitation | Yes |
| Psychiatric | Yes |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

## CENTRAL ALABAMA COMMUNITY HOSPITAL

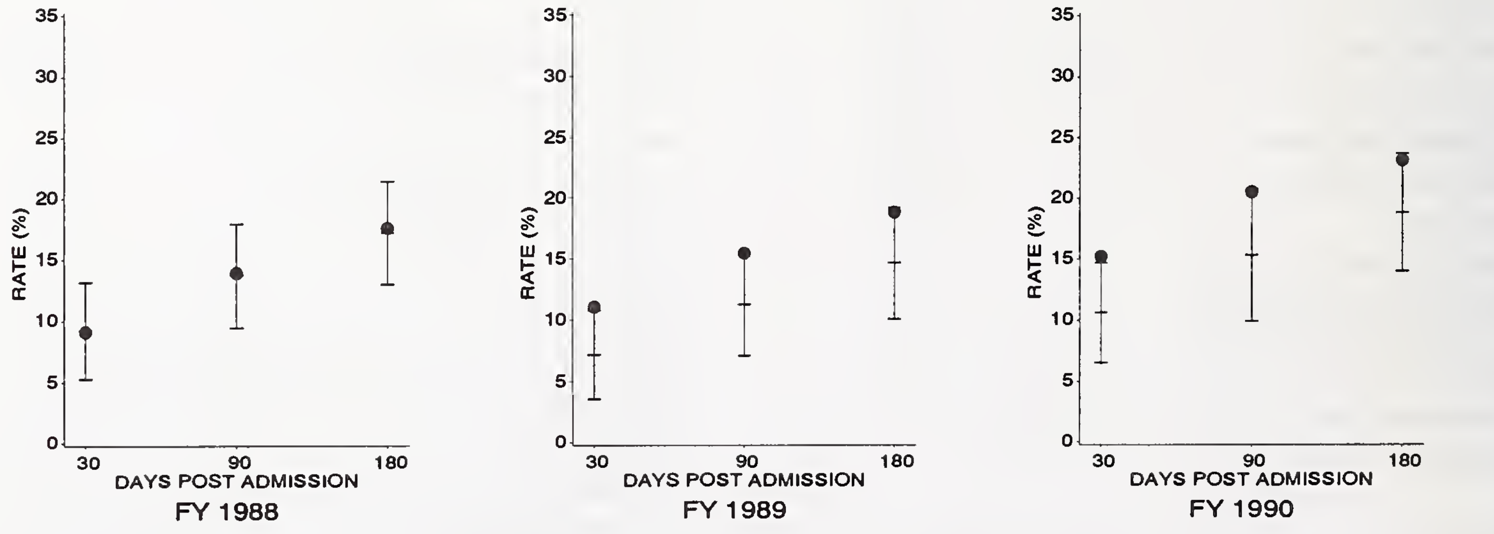
1010 LAYDAM RD
CLANTON, AL 35045
Medicare Provider Number: 010043

### FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 381 | 15.2 | 10.6 | 2.0 | 20.5 | 15.3 | 2.7 | 23.1 | 18.8 | 2.4 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 12 | 25.0 | 27.1 | ----- | 41.7 | 29.8 | ----- | 41.7 | 32.3 | ----- |
| Congestive Heart Failure | 23 | 39.1 | 13.3 | ----- | 52.2 | 21.1 | ----- | 60.9 | 27.1 | ----- |
| Pneumonia/Influenza | 26 | 23.1 | 15.9 | ----- | 26.9 | 21.3 | ----- | 26.9 | 24.8 | ----- |
| Chronic Obstructive Pulmonary Disease | 11 | 0.0 | 10.1 | ----- | 0.0 | 16.1 | ----- | 0.0 | 20.4 | ----- |
| Transient Cerebral Ischemia | 3 | 0.0 | 1.0 | ----- | 0.0 | 2.3 | ----- | 0.0 | 4.0 | ----- |
| Stroke | 14 | 35.7 | 17.7 | ----- | 35.7 | 22.2 | ----- | 42.9 | 25.8 | ----- |
| Hip Fracture | 1 | 0.0 | 7.9 | ----- | 0.0 | 14.4 | ----- | 0.0 | 17.9 | ----- |
| Sepsis | 6 | 0.0 | 14.8 | ----- | 16.7 | 20.3 | ----- | 16.7 | 24.1 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 0 | | | | | | | | | |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

# CENTRAL ALABAMA COMMUNITY HOSPITAL

Medicare Provider Number: 010043

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| DEMOGRAPHICS: | |
|---|---|
| Average age at admission | 75.3 years |
| Proportion female | 56.7 % |
| **ADMISSION SOURCES/TYPES:** | |
| Referred by personal or HMO physician | 52.5 % |
| Transferred from skilled nursing facility | 1.3 % |
| Admitted for elective procedure | 0.5 % |
| Admitted for emergency | 93.4 % |

| COMORBIDITIES: | |
|---|---|
| Cancer | 2.6 % |
| Chronic cardiovascular disease | 40.2 % |
| Chronic liver disease | 0.0 % |
| Chronic renal disease | 3.9 % |
| Chronic pulmonary disease | 26.8 % |
| Cerebrovascular degeneration | 3.1 % |
| Diabetes mellitus | 8.4 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| ORIGIN OF MEDICARE PATIENT ADMISSION: | |
|---|---|
| County/City | 88.1% |
| State | 10.4% |
| Outside State | 1.5% |
| Total | 100.0% |

| MEDICARE AVERAGE LENGTH OF STAY: | |
|---|---|
| Hospital | 5.0 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| PROFILE: | |
|---|---|
| Total Beds | 60 |
| Occupancy Rate | 21.0 % |
| Ownership.Control | Private, Non-Profit |
| Medicare Discharges | (Not Available) |
| Case Mix Index (CMI) | 0.9929 |
| **STAFFING:** | |
| Total Number of Physicians | 32 |
| Percent of Physicians Board Certified Specialists | 100.0 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 19 |
| Licensed Practical Nurses | 6 |

| SPECIALTY SERVICES: | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | No |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |
| **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# CENTRAL ALABAMA MEDICAL CENTER

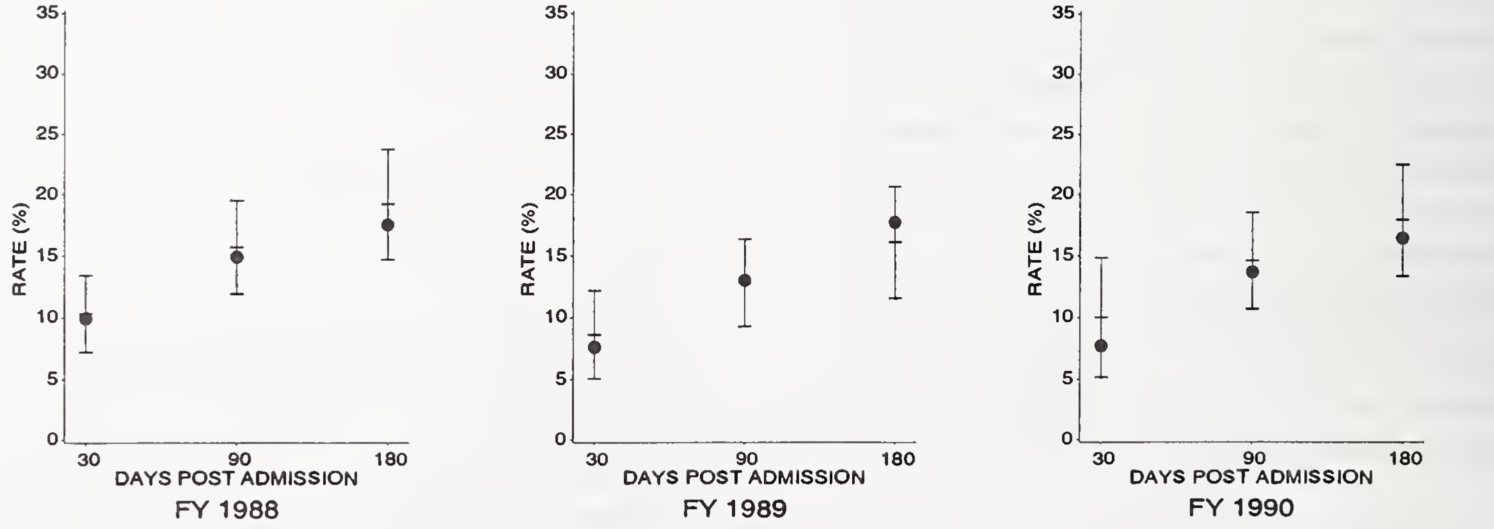
1201 COMPANY ST BOX 120
WETUMPKA, AL 36092
Medicare Provider Number: 010097

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 402 | 7.7 | 10.0 | 2.4 | 13.7 | 14.6 | 2.0 | 16.4 | 17.9 | 2.3 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 13 | 30.8 | 30.7 | ----- | 30.8 | 33.8 | ----- | 30.8 | 36.9 | ----- |
| Congestive Heart Failure | 15 | 13.3 | 18.4 | ----- | 33.3 | 28.4 | ----- | 40.0 | 35.0 | ----- |
| Pneumonia/Influenza | 25 | 12.0 | 15.6 | ----- | 20.0 | 20.9 | ----- | 24.0 | 24.7 | ----- |
| Chronic Obstructive Pulmonary Disease | 6 | 0.0 | 3.9 | ----- | 0.0 | 7.5 | ----- | 0.0 | 11.0 | ----- |
| Transient Cerebral Ischemia | 12 | 0.0 | 1.8 | ----- | 0.0 | 3.6 | ----- | 0.0 | 5.6 | ----- |
| Stroke | 14 | 21.4 | 19.1 | ----- | 42.9 | 26.8 | ----- | 42.9 | 31.1 | ----- |
| Hip Fracture | 7 | 14.3 | 9.8 | ----- | 14.3 | 15.7 | ----- | 28.6 | 19.2 | ----- |
| Sepsis | 9 | 55.6 | 31.4 | ----- | 55.6 | 41.2 | ----- | 66.7 | 46.3 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 2 | 50.0 | 15.6 | ----- | 50.0 | 25.1 | ----- | 50.0 | 30.0 | ----- |
| Open Reduction of Hip Fracture | 5 | 0.0 | 6.9 | ----- | 0.0 | 11.5 | ----- | 20.0 | 14.5 | ----- |
| Prostatectomy | 3 | 0.0 | 1.1 | ----- | 0.0 | 2.7 | ----- | 0.0 | 4.9 | ----- |
| Cholecystectomy | 2 | 0.0 | 0.6 | ----- | 0.0 | 1.0 | ----- | 0.0 | 1.3 | ----- |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

# CENTRAL ALABAMA MEDICAL CENTER

Medicare Provider Number: 010097

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 76.0 years |
| Proportion female | 58.0 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 30.6 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 2.5 % |
| Admitted for emergency | 12.7 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 3.5 % |
| Chronic cardiovascular disease | 39.3 % |
| Chronic liver disease | 1.5 % |
| Chronic renal disease | 8.2 % |
| Chronic pulmonary disease | 24.6 % |
| Cerebrovascular degeneration | 2.0 % |
| Diabetes mellitus | 11.2 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 82.0% |
| State | 16.2% |
| Outside State | 1.8% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 7.7 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 58 |
| Occupancy Rate | 37.0 % |
| Ownership/Control | Local Government |
| Medicare Discharges | 53.9 % |
| Case Mix Index (CMI) | 1.0532 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | 12 |
| Percent of Physicians Board Certified Specialists | 66.7 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 20 |
| Licensed Practical Nurses | 7 |

** Except for CMI

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | Yes |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

*** Not used in calculating mortality rates**

# CITIZENS HOSPITAL ASSOCIATION

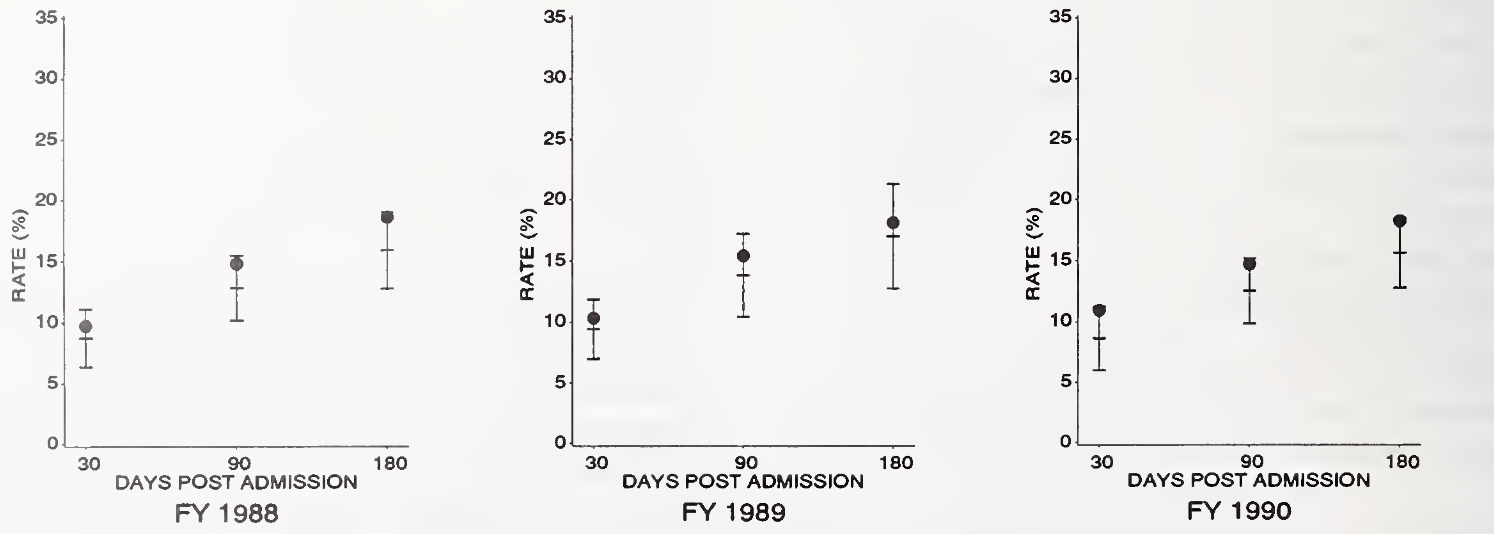
604 STONE AV
TALLADEGA, AL 35160
Medicare Provider Number: 010101

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| | | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| CATEGORY | NUMBER OF CASES | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 824 | 10.9 | 8.6 | 1.3 | 14.7 | 12.5 | 1.3 | 18.2 | 15.6 | 1.4 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 25 | 28.0 | 25.3 | ----- | 32.0 | 29.0 | ----- | 36.0 | 32.3 | ----- |
| Congestive Heart Failure | 42 | 31.0 | 15.2 | ----- | 33.3 | 23.8 | ----- | 35.7 | 29.7 | ----- |
| Pneumonia/Influenza | 58 | 13.8 | 15.2 | 5.8 | 15.5 | 20.3 | 7.4 | 19.0 | 23.9 | 7.5 |
| Chronic Obstructive Pulmonary Disease | 33 | 3.0 | 9.0 | ----- | 9.1 | 14.9 | ----- | 12.1 | 19.1 | ----- |
| Transient Cerebral Ischemia | 13 | 0.0 | 2.2 | ----- | 0.0 | 4.6 | ----- | 7.7 | 7.2 | ----- |
| Stroke | 32 | 25.0 | 20.6 | ----- | 31.3 | 25.7 | ----- | 40.6 | 29.1 | ----- |
| Hip Fracture | 5 | 0.0 | 7.3 | ----- | 0.0 | 12.1 | ----- | 0.0 | 16.2 | ----- |
| Sepsis | 4 | 25.0 | 41.2 | ----- | 25.0 | 47.8 | ----- | 25.0 | 52.2 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 1 | 0.0 | 1.6 | ----- | 100.0 | 3.2 | ----- | 100.0 | 4.7 | ----- |
| Hip Replacement/Reconstruction | 2 | 0.0 | 2.6 | ----- | 0.0 | 5.1 | ----- | 0.0 | 7.6 | ----- |
| Open Reduction of Hip Fracture | 4 | 0.0 | 7.5 | ----- | 0.0 | 12.7 | ----- | 0.0 | 16.8 | ----- |
| Prostatectomy | 24 | 0.0 | 0.6 | ----- | 0.0 | 1.4 | ----- | 8.3 | 2.4 | ----- |
| Cholecystectomy | 7 | 0.0 | 2.2 | ----- | 0.0 | 3.7 | ----- | 0.0 | 4.5 | ----- |
| Hysterectomy | 7 | 0.0 | 0.0 | ----- | 0.0 | 0.1 | ----- | 0.0 | 0.2 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

# CITIZENS HOSPITAL ASSOCIATION

Medicare Provider Number: 010101

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 70.7 years |
| Proportion female | 51.7 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 20.3 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 20.1 % |
| Admitted for emergency | 77.7 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 3.8 % |
| Chronic cardiovascular disease | 38.3 % |
| Chronic liver disease | 2.1 % |
| Chronic renal disease | 2.8 % |
| Chronic pulmonary disease | 20.0 % |
| Cerebrovascular degeneration | 1.0 % |
| Diabetes mellitus | 8.7 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 89.7% |
| State | 8.9% |
| Outside State | 1.4% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 5.2 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 122 |
| Occupancy Rate | 41.0 % |
| Ownership.Control | Private, Non-Profit |
| Medicare Discharges | 32.4 % |
| Case Mix Index (CMI) | 1.0180 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | 22 |
| Percent of Physicians Board Certified Specialists | 59.1 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 64 |
| Licensed Practical Nurses | 29 |

** Except for CMI

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | Yes |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | Yes |

*** Not used in calculating mortality rates**

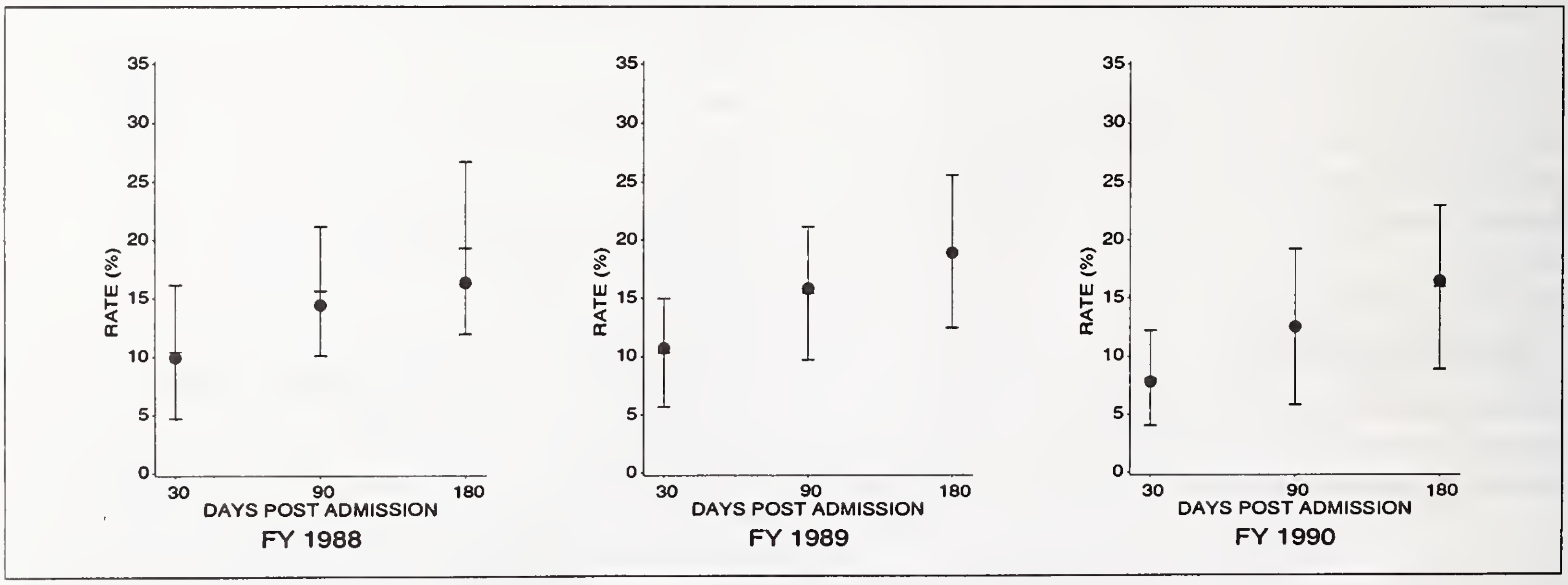
## CLARKE HOSPITAL INC
220 HOSPITAL DR BOX 428
JACKSON, AL 36545
Medicare Provider Number: 010128

### FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 232 | 7.8 | 8.1 | 2.0 | 12.5 | 12.5 | 3.4 | 16.4 | 15.9 | 3.5 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 5 | 60.0 | 36.8 | ----- | 60.0 | 45.6 | ----- | 80.0 | 50.2 | ----- |
| Congestive Heart Failure | 18 | 5.6 | 10.4 | ----- | 16.7 | 17.2 | ----- | 16.7 | 22.8 | ----- |
| Pneumonia/Influenza | 19 | 15.8 | 15.1 | ----- | 21.1 | 20.4 | ----- | 26.3 | 24.2 | ----- |
| Chronic Obstructive Pulmonary Disease | 11 | 9.1 | 8.4 | ----- | 9.1 | 15.0 | ----- | 27.3 | 19.5 | ----- |
| Transient Cerebral Ischemia | 3 | 0.0 | 2.7 | ----- | 0.0 | 6.0 | ----- | 0.0 | 9.4 | ----- |
| Stroke | 6 | 33.3 | 26.3 | ----- | 50.0 | 33.6 | ----- | 50.0 | 37.5 | ----- |
| Hip Fracture | 1 | 0.0 | 12.6 | ----- | 0.0 | 25.0 | ----- | 0.0 | 35.4 | ----- |
| Sepsis | 2 | 0.0 | 23.3 | ----- | 0.0 | 31.9 | ----- | 50.0 | 35.7 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 1 | 0.0 | 1.3 | ----- | 0.0 | 2.0 | ----- | 0.0 | 2.4 | ----- |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

**OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD)**
**FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES**



FY 1988

FY 1989

FY 1990

# CLARKE HOSPITAL INC
Medicare Provider Number: 010128

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| DEMOGRAPHICS: | |
|---|---|
| Average age at admission | 74.5 years |
| Proportion female | 53.9 % |

| ADMISSION SOURCES/TYPES: | |
|---|---|
| Referred by personal or HMO physician | 47.4 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.4 % |
| Admitted for emergency | 29.3 % |

| COMORBIDITIES: | |
|---|---|
| Cancer | 3.9 % |
| Chronic cardiovascular disease | 31.9 % |
| Chronic liver disease | 0.4 % |
| Chronic renal disease | 4.7 % |
| Chronic pulmonary disease | 14.2 % |
| Cerebrovascular degeneration | 2.6 % |
| Diabetes mellitus | 3.0 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| ORIGIN OF MEDICARE PATIENT ADMISSION: | |
|---|---|
| County/City | 70.8% |
| State | 26.7% |
| Outside State | 2.5% |
| Total | 100.0% |

| MEDICARE AVERAGE LENGTH OF STAY: | |
|---|---|
| Hospital | 4.4 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| PROFILE: | |
|---|---|
| Total Beds | 35 |
| Occupancy Rate | 37.0 % |
| Ownership/Control | Private, For Profit |
| Medicare Discharges | (Not Available) |
| Case Mix Index (CMI) | 0.8732 |

| STAFFING: | |
|---|---|
| Total Number of Physicians | (Not Available) |
| Percent of Physicians Board Certified Specialists | (Not Available) |
| Medical Residents/Interns | (Not Available) |
| Registered Nurses | (Not Available) |
| Licensed Practical Nurses | (Not Available) |

** Except for CMI

| SPECIALTY SERVICES: | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | No |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

| OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

*** Not used in calculating mortality rates**

# CLAY COUNTY HOSPITAL

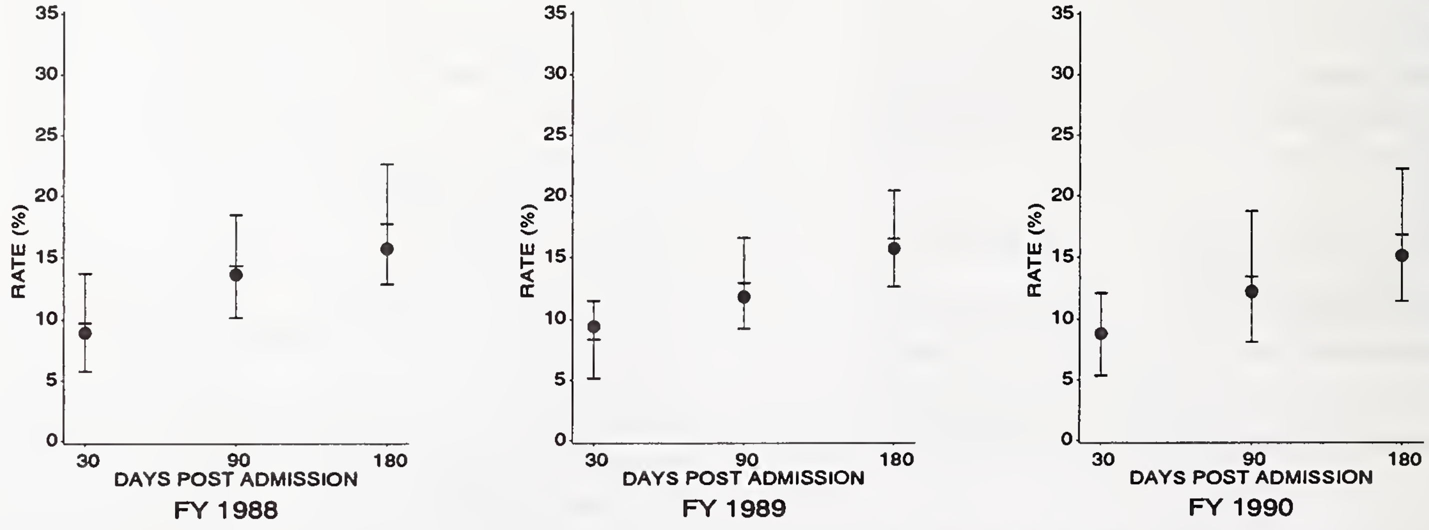
544 E 1ST AVE
ASHLAND, AL 36251
Medicare Provider Number: 010073

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 509 | 8.8 | 8.7 | 1.7 | 12.2 | 13.4 | 2.7 | 15.1 | 16.8 | 2.7 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 5 | 20.0 | 23.8 | ----- | 20.0 | 27.9 | ----- | 20.0 | 30.9 | ----- |
| Congestive Heart Failure | 39 | 12.8 | 14.4 | ----- | 20.5 | 23.5 | ----- | 25.6 | 29.8 | ----- |
| Pneumonia/Influenza | 42 | 19.0 | 18.8 | ----- | 23.8 | 24.9 | ----- | 28.6 | 28.7 | ----- |
| Chronic Obstructive Pulmonary Disease | 14 | 7.1 | 8.4 | ----- | 14.3 | 15.2 | ----- | 21.4 | 19.7 | ----- |
| Transient Cerebral Ischemia | 13 | 0.0 | 2.0 | ----- | 0.0 | 4.3 | ----- | 0.0 | 6.8 | ----- |
| Stroke | 14 | 50.0 | 24.1 | ----- | 64.3 | 28.3 | ----- | 64.3 | 31.6 | ----- |
| Hip Fracture | 1 | 0.0 | 4.3 | ----- | 0.0 | 8.7 | ----- | 0.0 | 11.6 | ----- |
| Sepsis | 1 | 0.0 | 12.5 | ----- | 0.0 | 16.2 | ----- | 0.0 | 19.2 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 5 | 0.0 | 1.2 | ----- | 20.0 | 2.3 | ----- | 20.0 | 3.3 | ----- |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# CLAY COUNTY HOSPITAL
Medicare Provider Number: 010073

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | | | |
|---|---|---|---|
| DEMOGRAPHICS: | | COMORBIDITIES: | |
| Average age at admission | 74.3 years | Cancer | 3.7 % |
| Proportion female | 59.1 % | Chronic cardiovascular disease | 30.8 % |
| ADMISSION SOURCES/TYPES: | | Chronic liver disease | 0.2 % |
| Referred by personal or HMO physician | 40.7 % | Chronic renal disease | 1.2 % |
| Transferred from skilled nursing facility | 0.0 % | Chronic pulmonary disease | 23.2 % |
| Admitted for elective procedure | 0.8 % | Cerebrovascular degeneration | 2.2 % |
| Admitted for emergency | 98.2 % | Diabetes mellitus | 6.5 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | | | |
|---|---|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | | MEDICARE AVERAGE LENGTH OF STAY: | |
| County/City | 74.2% | Hospital | 5.2 Days |
| State | 23.5% | State | 7.9 Days |
| Outside State | 2.3% | National | 8.6 Days |
| Total | 100.0% | | |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | | | |
|---|---|---|---|
| PROFILE: | | SPECIALTY SERVICES: | |
| Total Beds | 116 | Burn Unit | No |
| Occupancy Rate | 77.0 % | Cardiac Intensive Care | No |
| Ownership/Control | Local Government | Comprehensive Geriatric | No |
| Medicare Discharges | (Not Available) | Hospice Care | No |
| Case Mix Index (CMI) | 0.9596 | Medical/Surgical Intensive Care | Yes |
| STAFFING: | | Organ/Tissue Transplant | No |
| Total Number of Physicians | (Not Available) | Other Intensive Care | No |
| Percent of Physicians Board Certified Specialists | (Not Available) | Trauma Center | No |
| | | OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| Medical Residents/Interns | (Not Available) | Alcohol/Drug | No |
| Registered Nurses | (Not Available) | Rehabilitation | No |
| Licensed Practical Nurses | (Not Available) | Psychiatric | No |
| | | Medicare Swing Beds | Yes |

** Except for CMI

* Not used in calculating mortality rates

# CLEBURNE COUNTY HOSPITAL

411 ROSS ST BOX 398
HEFLIN, AL 36264
Medicare Provider Number: 010060

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 19 | 26.3 | 12.5 | ----- | 26.3 | 20.1 | ----- | 31.6 | 24.4 | ----- |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 0 | | | | | | | | | |
| Congestive Heart Failure | 3 | 33.3 | 14.9 | ----- | 33.3 | 24.5 | ----- | 33.3 | 29.2 | ----- |
| Pneumonia/Influenza | 1 | 0.0 | 14.3 | ----- | 0.0 | 24.3 | ----- | 0.0 | 30.5 | ----- |
| Chronic Obstructive Pulmonary Disease | 0 | | | | | | | | | |
| Transient Cerebral Ischemia | 0 | | | | | | | | | |
| Stroke | 1 | 100.0 | 11.4 | ----- | 100.0 | 18.7 | ----- | 100.0 | 21.8 | ----- |
| Hip Fracture | 0 | | | | | | | | | |
| Sepsis | 0 | | | | | | | | | |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 0 | | | | | | | | | |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation
was not computed for one or more of the three fiscal years,
(1988, 1989, or 1990)

# CLEBURNE COUNTY HOSPITAL
Medicare Provider Number: 010060

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | | | |
|---|---|---|---|
| DEMOGRAPHICS: | | COMORBIDITIES: | |
| Average age at admission | 74.6 years | Cancer | 0.0 % |
| Proportion female | 68.4 % | Chronic cardiovascular disease | 31.6 % |
| ADMISSION SOURCES/TYPES: | | Chronic liver disease | 0.0 % |
| Referred by personal or HMO physician | 89.5 % | Chronic renal disease | 5.3 % |
| Transferred from skilled nursing facility | 5.3 % | Chronic pulmonary disease | 15.8 % |
| Admitted for elective procedure | 0.0 % | Cerebrovascular degeneration | 15.8 % |
| Admitted for emergency | 78.9 % | Diabetes mellitus | 10.5 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | | | |
|---|---|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | | MEDICARE AVERAGE LENGTH OF STAY: | |
| County/City | 75.9% | Hospital | 9.5 Days |
| State | 24.1% | State | 7.9 Days |
| Outside State | 0.0% | National | 8.6 Days |
| Total | 100.0% | | |

## HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1990

| | | | |
|---|---|---|---|
| PROFILE: | | SPECIALTY SERVICES: | |
| Total Beds | 17 | Burn Unit | No |
| Ownership.Control | Private, Non-Profit | Coronary Care Unit | No |
| Case Mix Index (CMI) | 0.9684 | Hospice Care | No |
| STAFFING: | | Intensive Care Unit | No |
| Medical Residents/Interns | 0 | Organ Transplant | No |
| Registered Nurses | 7 | Trauma Center | No |
| Licensed Practical Nurses | 5 | OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| | | Alcohol/Drug | Yes |
| | | Rehabilitation | No |
| | | Psychiatric | No |
| | | Medicare Swing Beds | Yes |

** Except for CMI

* Not used in calculating mortality rates

## COMMUNITY HOSPITAL INC

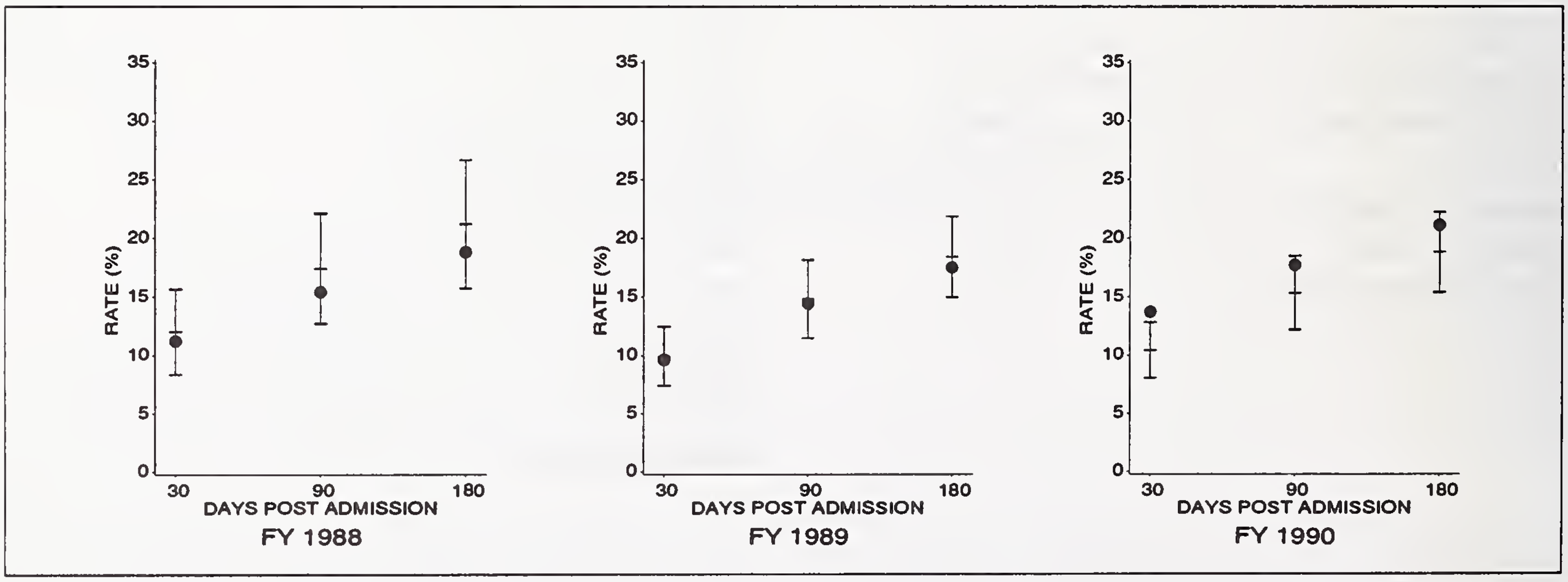
FRIENDSHIP RD
TALLASSEE, AL 36078
Medicare Provider Number: 010034

### FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 700 | 13.7 | 10.4 | 1.2 | 17.7 | 15.3 | 1.6 | 21.1 | 18.8 | 1.7 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 19 | 36.8 | 29.8 | ----- | 52.6 | 33.4 | ----- | 52.6 | 36.6 | ----- |
| Congestive Heart Failure | 35 | 8.6 | 15.3 | ----- | 8.6 | 24.9 | ----- | 11.4 | 31.3 | ----- |
| Pneumonia/Influenza | 41 | 22.0 | 14.4 | ----- | 26.8 | 19.5 | ----- | 31.7 | 23.0 | ----- |
| Chronic Obstructive Pulmonary Disease | 42 | 2.4 | 7.0 | ----- | 7.1 | 13.0 | ----- | 9.5 | 17.4 | ----- |
| Transient Cerebral Ischemia | 12 | 0.0 | 1.6 | ----- | 0.0 | 3.5 | ----- | 8.3 | 5.9 | ----- |
| Stroke | 28 | 39.3 | 21.9 | ----- | 46.4 | 26.6 | ----- | 46.4 | 29.8 | ----- |
| Hip Fracture | 3 | 33.3 | 6.4 | ----- | 33.3 | 10.8 | ----- | 33.3 | 14.0 | ----- |
| Sepsis | 20 | 50.0 | 25.7 | ----- | 55.0 | 33.8 | ----- | 55.0 | 38.4 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 2 | 50.0 | 6.4 | ----- | 50.0 | 11.1 | ----- | 50.0 | 14.1 | ----- |
| Open Reduction of Hip Fracture | 1 | 0.0 | 2.3 | ----- | 0.0 | 4.1 | ----- | 0.0 | 5.5 | ----- |
| Prostatectomy | 4 | 0.0 | 0.4 | ----- | 0.0 | 0.8 | ----- | 0.0 | 1.5 | ----- |
| Cholecystectomy | 3 | 0.0 | 0.6 | ----- | 0.0 | 1.1 | ----- | 0.0 | 1.7 | ----- |
| Hysterectomy | 1 | 0.0 | 0.0 | ----- | 0.0 | 0.1 | ----- | 0.0 | 0.1 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

### OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# COMMUNITY HOSPITAL INC

Medicare Provider Number: 010034

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| DEMOGRAPHICS: | |
|---|---|
| Average age at admission | 75.1 years |
| Proportion female | 63.7 % |
| **ADMISSION SOURCES/TYPES:** | |
| Referred by personal or HMO physician | 34.0 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 2.7 % |
| Admitted for emergency | 30.4 % |

| COMORBIDITIES: | |
|---|---|
| Cancer | 3.6 % |
| Chronic cardiovascular disease | 34.0 % |
| Chronic liver disease | 0.7 % |
| Chronic renal disease | 3.1 % |
| Chronic pulmonary disease | 27.9 % |
| Cerebrovascular degeneration | 3.4 % |
| Diabetes mellitus | 16.9 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| ORIGIN OF MEDICARE PATIENT ADMISSION: | |
|---|---|
| County/City | 52.9% |
| State | 45.7% |
| Outside State | 1.4% |
| Total | 100.0% |

| MEDICARE AVERAGE LENGTH OF STAY: | |
|---|---|
| Hospital | 6.8 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| PROFILE: | |
|---|---|
| Total Beds | 77 |
| Occupancy Rate | 44.0 % |
| Ownership.Control | Private, Non-Profit |
| Medicare Discharges | 50.5 % |
| Case Mix Index (CMI) | 1.0668 |
| **STAFFING:** | |
| Total Number of Physicians | 20 |
| Percent of Physicians Board Certified Specialists | 65.0 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 26 |
| Licensed Practical Nurses | 35 |

| SPECIALTY SERVICES: | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |
| **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

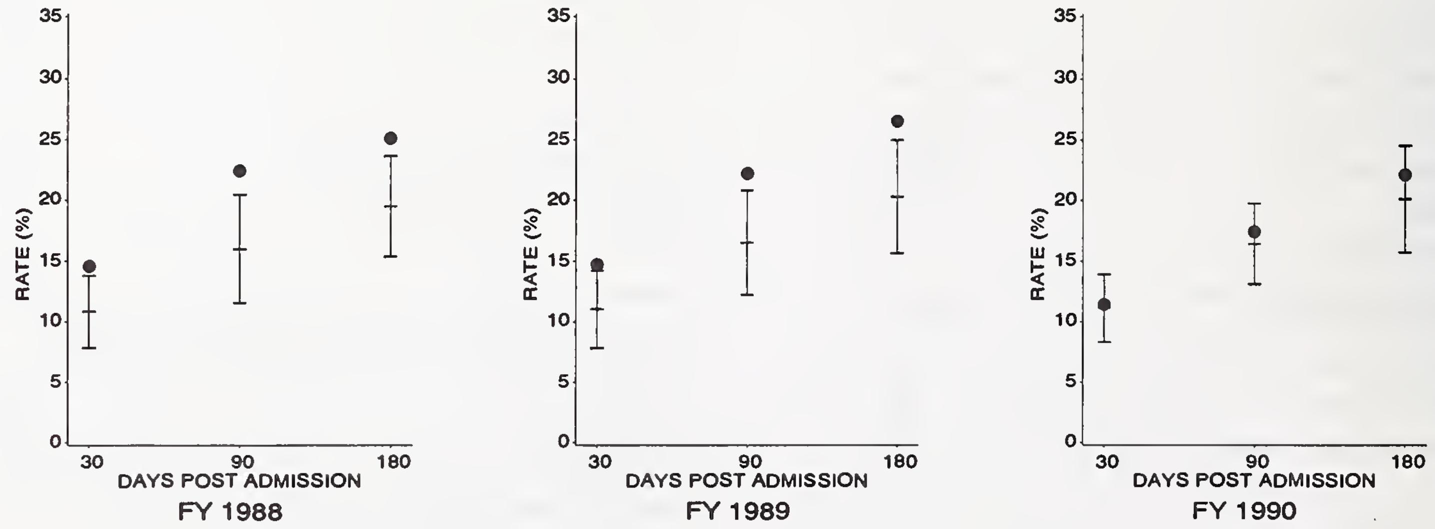
# COOPER GREEN HOSPITAL
1515 6TH AVE S
BIRMINGHAM, AL 35233
Medicare Provider Number: 010137

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 605 | 11.4 | 11.1 | 1.4 | 17.4 | 16.4 | 1.7 | 22.1 | 20.1 | 2.2 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 14 | 7.1 | 26.1 | ----- | 14.3 | 30.5 | ----- | 14.3 | 33.7 | ----- |
| Congestive Heart Failure | 32 | 9.4 | 11.9 | ----- | 9.4 | 19.0 | ----- | 15.6 | 24.2 | ----- |
| Pneumonia/Influenza | 28 | 7.1 | 14.5 | ----- | 17.9 | 20.3 | ----- | 25.0 | 23.9 | ----- |
| Chronic Obstructive Pulmonary Disease | 15 | 6.7 | 5.9 | ----- | 13.3 | 10.1 | ----- | 13.3 | 13.4 | ----- |
| Transient Cerebral Ischemia | 4 | 0.0 | 1.4 | ----- | 0.0 | 3.1 | ----- | 0.0 | 5.0 | ----- |
| Stroke | 28 | 17.9 | 21.7 | ----- | 25.0 | 27.3 | ----- | 25.0 | 30.8 | ----- |
| Hip Fracture | 11 | 18.2 | 6.3 | ----- | 18.2 | 12.1 | ----- | 27.3 | 16.1 | ----- |
| Sepsis | 12 | 41.7 | 21.1 | ----- | 41.7 | 28.6 | ----- | 50.0 | 33.4 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 2 | 0.0 | 7.4 | ----- | 0.0 | 12.5 | ----- | 0.0 | 15.7 | ----- |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 5 | 0.0 | 2.7 | ----- | 0.0 | 5.3 | ----- | 20.0 | 7.6 | ----- |
| Open Reduction of Hip Fracture | 5 | 0.0 | 5.1 | ----- | 0.0 | 10.2 | ----- | 0.0 | 14.0 | ----- |
| Prostatectomy | 9 | 0.0 | 1.0 | ----- | 0.0 | 2.3 | ----- | 0.0 | 3.9 | ----- |
| Cholecystectomy | 16 | 12.5 | 4.6 | ----- | 31.3 | 8.9 | ----- | 31.3 | 11.9 | ----- |
| Hysterectomy | 4 | 0.0 | 1.2 | ----- | 0.0 | 2.7 | ----- | 0.0 | 4.5 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

# COOPER GREEN HOSPITAL

Medicare Provider Number: 010137

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 68.3 years |
| Proportion female | 61.1 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 0.5 % |
| Transferred from skilled nursing facility | 1.0 % |
| Admitted for elective procedure | 16.0 % |
| Admitted for emergency | 77.4 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 8.9 % |
| Chronic cardiovascular disease | 30.4 % |
| Chronic liver disease | 1.8 % |
| Chronic renal disease | 4.3 % |
| Chronic pulmonary disease | 17.7 % |
| Cerebrovascular degeneration | 9.4 % |
| Diabetes mellitus | 21.0 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 96.5% |
| State | 2.2% |
| Outside State | 1.3% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 7.5 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1991

PROFILE:

| | |
|---|---|
| Total Beds | 319 |
| Ownership/Control | Local Government |
| Case Mix Index (CMI) | 1.3160 |

STAFFING:

| | |
|---|---|
| Medical Residents/Interns | 0 |
| Registered Nurses | 99 |
| Licensed Practical Nurses | 82 |

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Coronary Care Unit | Yes |
| Hospice Care | No |
| Intensive Care Unit | Yes |
| Organ Transplant | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | Yes |
| Psychiatric | Yes |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# COOSA VALLEY MEDICAL CENTER

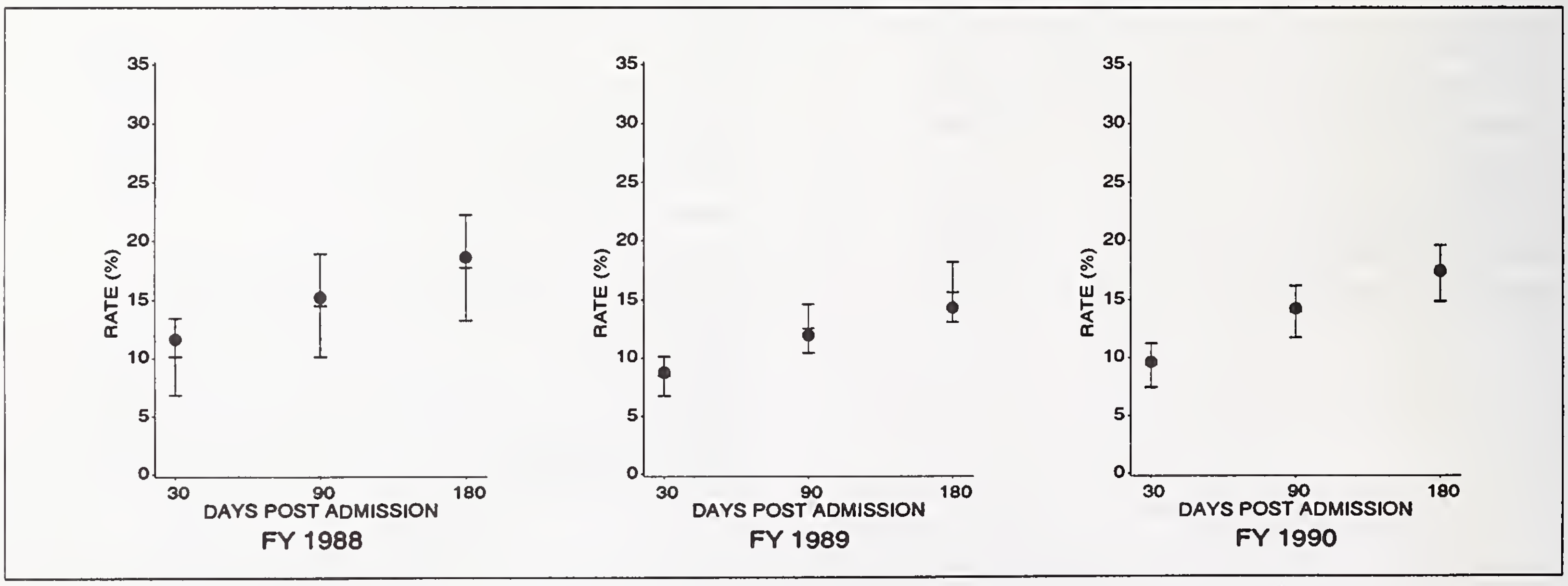
315 W HICKORY ST
SYLACAUGA, AL 35150
Medicare Provider Number: 010072

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 1038 | 9.6 | 9.3 | 0.9 | 14.2 | 13.9 | 1.1 | 17.4 | 17.2 | 1.2 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 21 | 52.4 | 34.1 | ----- | 57.1 | 37.5 | ----- | 57.1 | 40.9 | ----- |
| Congestive Heart Failure | 44 | 18.2 | 13.3 | ----- | 22.7 | 21.6 | ----- | 29.5 | 27.7 | ----- |
| Pneumonia/Influenza | 62 | 6.5 | 15.7 | 9.0 | 19.4 | 21.3 | 6.1 | 25.8 | 24.8 | 6.1 |
| Chronic Obstructive Pulmonary Disease | 29 | 0.0 | 8.0 | ----- | 6.9 | 13.7 | ----- | 6.9 | 17.6 | ----- |
| Transient Cerebral Ischemia | 19 | 0.0 | 1.8 | ----- | 5.3 | 4.2 | ----- | 5.3 | 6.7 | ----- |
| Stroke | 49 | 18.4 | 24.3 | ----- | 26.5 | 31.1 | ----- | 30.6 | 35.0 | ----- |
| Hip Fracture | 27 | 7.4 | 5.9 | ----- | 11.1 | 10.2 | ----- | 11.1 | 13.2 | ----- |
| Sepsis | 8 | 37.5 | 28.6 | ----- | 50.0 | 37.8 | ----- | 50.0 | 43.5 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 8 | 25.0 | 3.9 | ----- | 25.0 | 7.6 | ----- | 25.0 | 11.0 | ----- |
| Carotid Endarterectomy | 4 | 0.0 | 1.3 | ----- | 0.0 | 2.5 | ----- | 0.0 | 4.1 | ----- |
| Hip Replacement/Reconstruction | 15 | 0.0 | 3.7 | ----- | 6.7 | 6.8 | ----- | 13.3 | 8.9 | ----- |
| Open Reduction of Hip Fracture | 14 | 7.1 | 4.8 | ----- | 7.1 | 8.5 | ----- | 7.1 | 11.4 | ----- |
| Prostatectomy | 36 | 2.8 | 0.8 | ----- | 2.8 | 1.9 | ----- | 2.8 | 3.2 | ----- |
| Cholecystectomy | 14 | 0.0 | 2.1 | ----- | 0.0 | 3.6 | ----- | 0.0 | 4.5 | ----- |
| Hysterectomy | 5 | 0.0 | 0.1 | ----- | 0.0 | 0.2 | ----- | 0.0 | 0.4 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# COOSA VALLEY MEDICAL CENTER

Medicare Provider Number: 010072

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 73.4 years |
| Proportion female | 56.6 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 35.7 % |
| Transferred from skilled nursing facility | 0.1 % |
| Admitted for elective procedure | 14.6 % |
| Admitted for emergency | 81.2 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 5.8 % |
| Chronic cardiovascular disease | 36.6 % |
| Chronic liver disease | 1.1 % |
| Chronic renal disease | 1.9 % |
| Chronic pulmonary disease | 22.0 % |
| Cerebrovascular degeneration | 2.3 % |
| Diabetes mellitus | 11.4 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 81.8% |
| State | 17.0% |
| Outside State | 1.2% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 7.4 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1991

PROFILE:

| | |
|---|---|
| Total Beds | 148 |
| Ownership/Control | Local Government |
| Case Mix index (CMI) | 1.1804 |

STAFFING:

| | |
|---|---|
| Medical Residents/Interns | 0 |
| Registered Nurses | 71 |
| Licensed Practical Nurses | 27 |

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Coronary Care Unit | Yes |
| Hospice Care | No |
| Intensive Care Unit | Yes |
| Organ Transplant | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

---

*** Not used in calculating mortality rates**

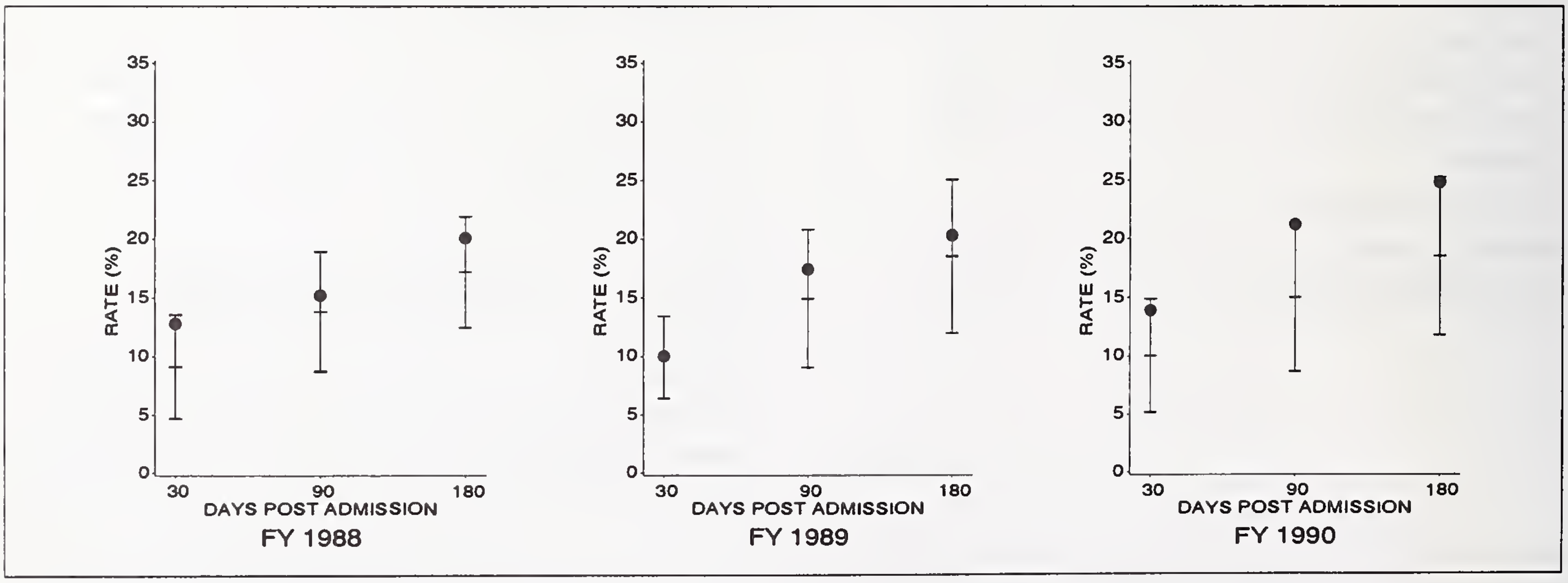
# CRENSHAW COUNTY HOSPITAL
SOUTH FOREST AV DRAWER 432
LUVERNE, AL 36049
Medicare Provider Number: 010008

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 330 | 13.9 | 10.0 | 2.4 | 21.2 | 15.0 | 3.2 | 24.8 | 18.5 | 3.4 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 7 | 42.9 | 28.6 | ----- | 57.1 | 31.3 | ----- | 57.1 | 34.2 | ----- |
| Congestive Heart Failure | 14 | 28.6 | 15.7 | ----- | 35.7 | 24.5 | ----- | 35.7 | 30.4 | ----- |
| Pneumonia/Influenza | 33 | 18.2 | 14.7 | ----- | 24.2 | 20.2 | ----- | 24.2 | 23.6 | ----- |
| Chronic Obstructive Pulmonary Disease | 19 | 0.0 | 9.7 | ----- | 0.0 | 17.3 | ----- | 0.0 | 22.4 | ----- |
| Transient Cerebral Ischemia | 7 | 0.0 | 2.0 | ----- | 0.0 | 4.6 | ----- | 0.0 | 7.7 | ----- |
| Stroke | 6 | 16.7 | 22.5 | ----- | 50.0 | 29.1 | ----- | 66.7 | 33.0 | ----- |
| Hip Fracture | 6 | 16.7 | 5.7 | ----- | 33.3 | 11.0 | ----- | 33.3 | 14.5 | ----- |
| Sepsis | 3 | 33.3 | 18.0 | ----- | 33.3 | 22.3 | ----- | 33.3 | 25.9 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 6 | 16.7 | 4.8 | ----- | 33.3 | 9.7 | ----- | 33.3 | 13.2 | ----- |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 4 | 25.0 | 3.1 | ----- | 25.0 | 5.7 | ----- | 25.0 | 7.4 | ----- |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# CRENSHAW COUNTY HOSPITAL

Medicare Provider Number: 010008

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | |
|---|---|
| DEMOGRAPHICS: | |
| Average age at admission | 74.9 years |
| Proportion female | 57.9 % |
| ADMISSION SOURCES/TYPES: | |
| Referred by personal or HMO physician | 24.8 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.0 % |
| Admitted for emergency | 3.6 % |

| | |
|---|---|
| COMORBIDITIES: | |
| Cancer | 4.5 % |
| Chronic cardiovascular disease | 30.0 % |
| Chronic liver disease | 0.3 % |
| Chronic renal disease | 4.2 % |
| Chronic pulmonary disease | 15.8 % |
| Cerebrovascular degeneration | 3.3 % |
| Diabetes mellitus | 7.6 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | |
|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | |
| County/City | 79.7% |
| State | 18.5% |
| Outside State | 1.8% |
| Total | 100.0% |

| | |
|---|---|
| MEDICARE AVERAGE LENGTH OF STAY: | |
| Hospital | 6.5 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | |
|---|---|
| PROFILE: | |
| Total Beds | 65 |
| Occupancy Rate | 43.0 % |
| Ownership/Control | Local Government |
| Medicare Discharges | (Not Available) |
| Case Mix Index (CMI) | 1.0568 |
| STAFFING: | |
| Total Number of Physicians | 5 |
| Percent of Physicians Board Certified Specialists | 80.0 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 15 |
| Licensed Practical Nurses | 46 |

| | |
|---|---|
| SPECIALTY SERVICES: | |
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | Yes |
| Trauma Center | No |
| OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| Alcohol/Drug | Yes |
| Rehabilitation | No |
| Psychiatric | Yes |
| Medicare Swing Beds | Yes |

** Except for CMI

* Not used in calculating mortality rates

# CRESTWOOD HOSPITAL

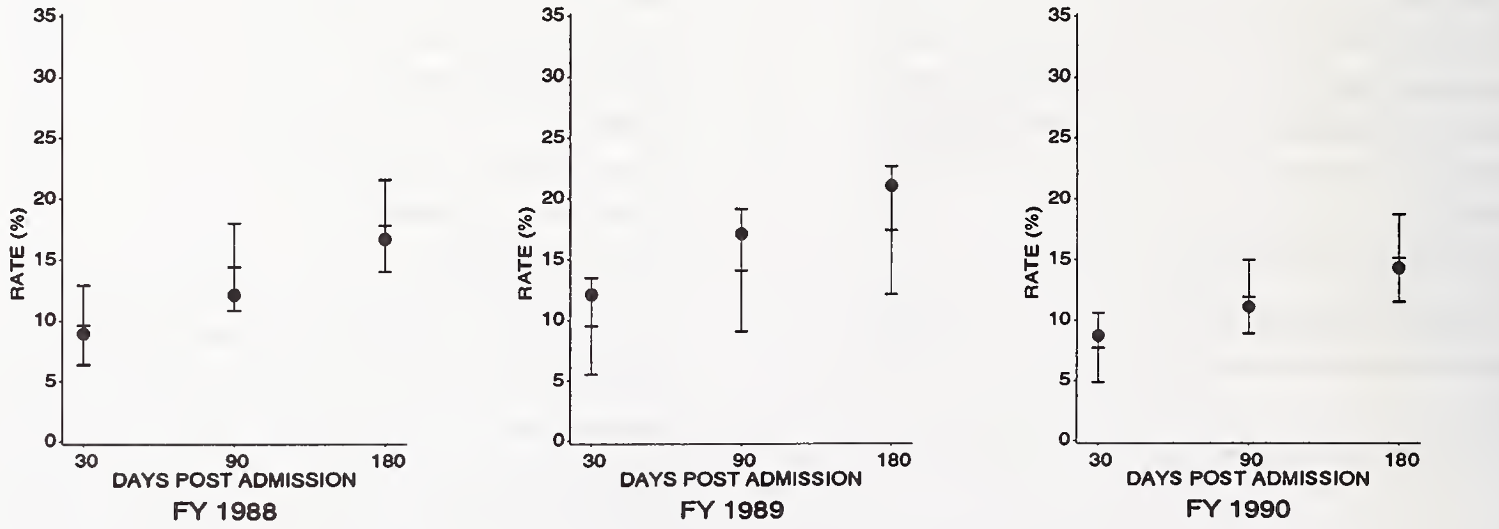
1 HOSPITAL DR
HUNTSVILLE, AL 35801
Medicare Provider Number: 010131

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 539 | 8.7 | 7.7 | 1.4 | 11.1 | 11.9 | 1.5 | 14.3 | 15.1 | 1.8 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 6 | 66.7 | 34.9 | ----- | 66.7 | 38.7 | ----- | 66.7 | 41.6 | ----- |
| Congestive Heart Failure | 24 | 8.3 | 14.1 | ----- | 16.7 | 22.3 | ----- | 29.2 | 29.6 | ----- |
| Pneumonia/Influenza | 43 | 11.6 | 13.9 | ----- | 14.0 | 19.6 | ----- | 20.9 | 23.6 | ----- |
| Chronic Obstructive Pulmonary Disease | 7 | 0.0 | 3.9 | ----- | 0.0 | 8.2 | ----- | 0.0 | 12.1 | ----- |
| Transient Cerebral Ischemia | 3 | 0.0 | 1.5 | ----- | 0.0 | 3.4 | ----- | 33.3 | 5.6 | ----- |
| Stroke | 16 | 12.5 | 16.2 | ----- | 12.5 | 21.6 | ----- | 25.0 | 25.1 | ----- |
| Hip Fracture | 13 | 7.7 | 7.6 | ----- | 15.4 | 13.2 | ----- | 23.1 | 16.9 | ----- |
| Sepsis | 9 | 22.2 | 23.0 | ----- | 22.2 | 27.9 | ----- | 22.2 | 32.4 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 1 | 0.0 | 3.9 | ----- | 0.0 | 7.9 | ----- | 0.0 | 12.4 | ----- |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 13 | 7.7 | 3.0 | ----- | 7.7 | 5.3 | ----- | 7.7 | 7.0 | ----- |
| Open Reduction of Hip Fracture | 8 | 0.0 | 6.8 | ----- | 12.5 | 12.5 | ----- | 25.0 | 16.3 | ----- |
| Prostatectomy | 41 | 2.4 | 0.6 | ----- | 4.9 | 1.4 | ----- | 4.9 | 2.5 | ----- |
| Cholecystectomy | 12 | 0.0 | 2.9 | ----- | 0.0 | 5.8 | ----- | 0.0 | 7.9 | ----- |
| Hysterectomy | 7 | 0.0 | 0.2 | ----- | 0.0 | 0.4 | ----- | 0.0 | 0.7 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# CRESTWOOD HOSPITAL
Medicare Provider Number: 010131

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | |
|---|---|
| **DEMOGRAPHICS:** | |
| Average age at admission | 72.5 years |
| Proportion female | 59.0 % |
| **ADMISSION SOURCES/TYPES:** | |
| Referred by personal or HMO physician | 67.7 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 21.0 % |
| Admitted for emergency | 46.4 % |

| | |
|---|---|
| **COMORBIDITIES:** | |
| Cancer | 8.0 % |
| Chronic cardiovascular disease | 32.1 % |
| Chronic liver disease | 0.7 % |
| Chronic renal disease | 0.9 % |
| Chronic pulmonary disease | 30.1 % |
| Cerebrovascular degeneration | 2.8 % |
| Diabetes mellitus | 6.9 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | |
|---|---|
| **ORIGIN OF MEDICARE PATIENT ADMISSION:** | |
| County/City | 72.9% |
| State | 18.0% |
| Outside State | 9.1% |
| Total | 100.0% |

| | |
|---|---|
| **MEDICARE AVERAGE LENGTH OF STAY:** | |
| Hospital | 7.6 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | |
|---|---|
| **PROFILE:** | |
| Total Beds | 120 |
| Occupancy Rate | 39.0 % |
| Ownership/Control | Private, For Profit |
| Medicare Discharges | 32.9 % |
| Case Mix Index (CMI) | 1.2555 |
| **STAFFING:** | |
| Total Number of Physicians | 93 |
| Percent of Physicians Board Certified Specialists | 84.9 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 68 |
| Licensed Practical Nurses | 16 |

| | |
|---|---|
| **SPECIALTY SERVICES:** | |
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |
| **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Alcohol/Drug | Yes |
| Rehabilitation | No |
| Psychiatric | Yes |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# CULLMAN MEDICAL CENTER

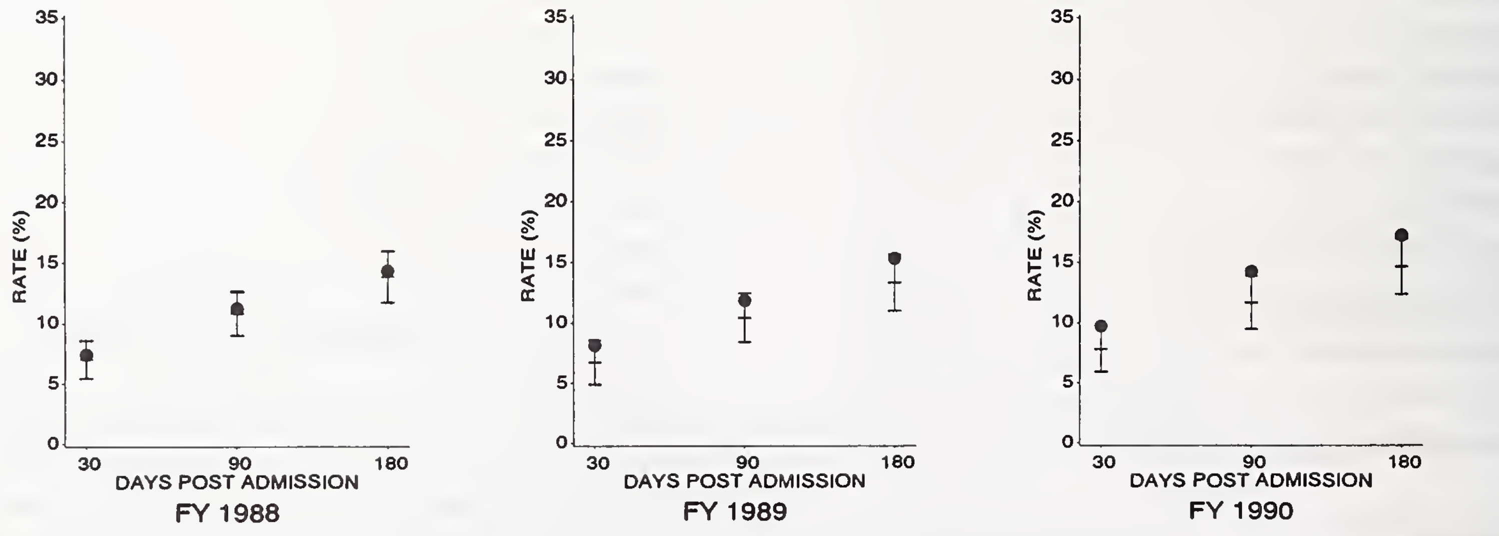
401 ARNOLD ST NE
CULLMAN, AL 35055
Medicare Provider Number: 010035

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 1521 | 9.7 | 7.8 | 0.9 | 14.2 | 11.6 | 1.1 | 17.2 | 14.6 | 1.1 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 53 | 28.3 | 27.3 | 6.8 | 32.1 | 30.6 | 6.9 | 35.8 | 33.5 | 6.9 |
| Congestive Heart Failure | 81 | 13.6 | 12.7 | 4.5 | 21.0 | 20.0 | 4.8 | 24.7 | 25.8 | 6.0 |
| Pneumonia/Influenza | 67 | 25.4 | 14.9 | 8.1 | 29.9 | 20.6 | 7.9 | 32.8 | 24.3 | 7.9 |
| Chronic Obstructive Pulmonary Disease | 26 | 3.8 | 5.0 | ----- | 7.7 | 9.2 | ----- | 11.5 | 12.9 | ----- |
| Transient Cerebral Ischemia | 24 | 8.3 | 1.0 | ----- | 8.3 | 2.4 | ----- | 8.3 | 4.1 | ----- |
| Stroke | 73 | 15.1 | 17.6 | 5.5 | 24.7 | 23.3 | 8.6 | 28.8 | 27.1 | 6.5 |
| Hip Fracture | 47 | 6.4 | 4.9 | ----- | 12.8 | 9.0 | ----- | 12.8 | 12.1 | ----- |
| Sepsis | 12 | 41.7 | 24.5 | ----- | 50.0 | 30.9 | ----- | 50.0 | 35.1 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 11 | 9.1 | 7.6 | ----- | 18.2 | 14.5 | ----- | 18.2 | 20.7 | ----- |
| Carotid Endarterectomy | 3 | 0.0 | 1.3 | ----- | 0.0 | 2.9 | ----- | 0.0 | 4.9 | ----- |
| Hip Replacement/Reconstruction | 19 | 5.3 | 2.0 | ----- | 10.5 | 4.1 | ----- | 10.5 | 6.1 | ----- |
| Open Reduction of Hip Fracture | 36 | 5.6 | 4.6 | ----- | 11.1 | 8.6 | ----- | 11.1 | 11.6 | ----- |
| Prostatectomy | 44 | 2.3 | 0.6 | ----- | 2.3 | 1.2 | ----- | 2.3 | 2.1 | ----- |
| Cholecystectomy | 41 | 0.0 | 1.1 | ----- | 2.4 | 2.2 | ----- | 2.4 | 3.2 | ----- |
| Hysterectomy | 14 | 0.0 | 0.2 | ----- | 0.0 | 0.4 | ----- | 0.0 | 0.7 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD)
## FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# CULLMAN MEDICAL CENTER

Medicare Provider Number: 010035

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| DEMOGRAPHICS: | |
|---|---|
| Average age at admission | 74.6 years |
| Proportion female | 55.4 % |
| **ADMISSION SOURCES/TYPES:** | |
| Referred by personal or HMO physician | 46.5 % |
| Transferred from skilled nursing facility | 0.7 % |
| Admitted for elective procedure | 71.2 % |
| Admitted for emergency | 7.2 % |

| COMORBIDITIES: | |
|---|---|
| Cancer | 5.2 % |
| Chronic cardiovascular disease | 41.6 % |
| Chronic liver disease | 0.5 % |
| Chronic renal disease | 1.6 % |
| Chronic pulmonary disease | 16.2 % |
| Cerebrovascular degeneration | 2.5 % |
| Diabetes mellitus | 9.7 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| ORIGIN OF MEDICARE PATIENT ADMISSION: | |
|---|---|
| County/City | 86.9% |
| State | 12.1% |
| Outside State | 1.0% |
| Total | 100.0% |

| MEDICARE AVERAGE LENGTH OF STAY: | |
|---|---|
| Hospital | 6.4 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| PROFILE: | |
|---|---|
| Total Beds | 100 |
| Occupancy Rate | 66.0 % |
| Ownership/Control | Local Government |
| Medicare Discharges | (Not Available) |
| Case Mix Index (CMI) | 1.1593 |
| **STAFFING:** | |
| Total Number of Physicians | 43 |
| Percent of Physicians Board Certified Specialists | 76.7 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 95 |
| Licensed Practical Nurses | 56 |

| SPECIALTY SERVICES: | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | Yes |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | No |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |
| **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | Yes |

** Except for CMI

* Not used in calculating mortality rates

# D C H REGIONAL MEDICAL CENTER

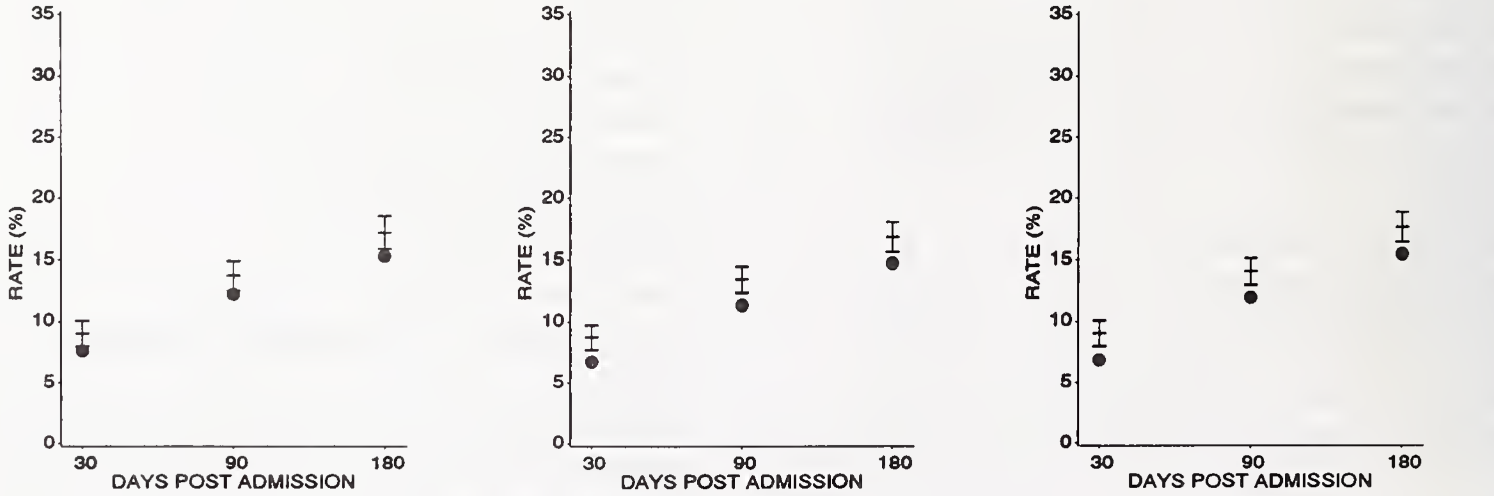
809 UNIVERSITY BLVD
TUSCALOOSA, AL 35401
Medicare Provider Number: 010092

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 4606 | 6.8 | 9.0 | 0.5 | 11.9 | 14.0 | 0.6 | 15.4 | 17.6 | 0.6 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 121 | 22.3 | 26.7 | 4.3 | 30.6 | 29.5 | 4.2 | 32.2 | 32.0 | 4.5 |
| Congestive Heart Failure | 216 | 8.8 | 15.0 | 4.2 | 19.0 | 23.6 | 3.9 | 28.2 | 29.8 | 3.6 |
| Pneumonia/Influenza | 187 | 11.2 | 16.3 | 3.9 | 16.6 | 22.6 | 4.6 | 20.3 | 26.5 | 5.0 |
| Chronic Obstructive Pulmonary Disease | 67 | 7.5 | 8.0 | 3.6 | 11.9 | 14.0 | 5.0 | 14.9 | 18.4 | 5.8 |
| Transient Cerebral Ischemia | 96 | 0.0 | 1.4 | 1.7 | 0.0 | 3.2 | 3.2 | 5.2 | 5.2 | 2.7 |
| Stroke | 148 | 18.9 | 20.8 | 3.6 | 29.1 | 28.2 | 4.7 | 33.8 | 32.2 | 4.7 |
| Hip Fracture | 100 | 5.0 | 7.1 | 3.2 | 10.0 | 13.0 | 4.4 | 12.0 | 17.0 | 5.1 |
| Sepsis | 59 | 32.2 | 30.3 | 7.2 | 42.4 | 39.6 | 6.8 | 47.5 | 44.7 | 7.1 |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 77 | 1.3 | 4.3 | 4.1 | 2.6 | 5.0 | 4.1 | 2.6 | 5.9 | 4.0 |
| Coronary Artery Bypass Graft | 78 | 9.0 | 6.6 | 4.3 | 12.8 | 9.0 | 5.8 | 12.8 | 10.0 | 6.3 |
| Initial Pacemaker Insertion | 18 | 5.6 | 2.1 | ----- | 5.6 | 4.5 | ----- | 11.1 | 6.9 | ----- |
| Carotid Endarterectomy | 19 | 5.3 | 2.1 | ----- | 5.3 | 3.7 | ----- | 5.3 | 5.2 | ----- |
| Hip Replacement/Reconstruction | 75 | 5.3 | 5.4 | 3.2 | 8.0 | 9.8 | 4.0 | 10.7 | 12.7 | 4.4 |
| Open Reduction of Hip Fracture | 26 | 0.0 | 5.0 | ----- | 7.7 | 9.7 | ----- | 7.7 | 13.4 | ----- |
| Prostatectomy | 114 | 0.0 | 1.3 | 1.7 | 2.6 | 3.0 | 1.6 | 4.4 | 5.0 | 2.2 |
| Cholecystectomy | 84 | 0.0 | 2.6 | 2.6 | 4.8 | 5.1 | 2.6 | 6.0 | 6.9 | 2.9 |
| Hysterectomy | 23 | 0.0 | 0.8 | ----- | 0.0 | 1.8 | ----- | 0.0 | 2.8 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988    FY 1989    FY 1990

# D C H REGIONAL MEDICAL CENTER

Medicare Provider Number: 010092

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 72.9 years |
| Proportion female | 56.2 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 38.7 % |
| Transferred from skilled nursing facility | 5.0 % |
| Admitted for elective procedure | 0.1 % |
| Admitted for emergency | 83.5 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 8.5 % |
| Chronic cardiovascular disease | 36.2 % |
| Chronic liver disease | 1.1 % |
| Chronic renal disease | 4.3 % |
| Chronic pulmonary disease | 14.7 % |
| Cerebrovascular degeneration | 3.0 % |
| Diabetes mellitus | 9.6 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 67.3% |
| State | 30.9% |
| Outside State | 1.8% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 10.4 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 528 |
| Occupancy Rate | 87.0 % |
| Ownership/Control | District/Authority |
| Medicare Discharges | 32.0 % |
| Case Mix Index (CMI) | 1.3111 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | 178 |
| Percent of Physicians Board Certified Specialists | 84.3 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 708 |
| Licensed Practical Nurses | 247 |

** Except for CMI

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | Yes |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | Yes |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | Yes |
| Medicare Swing Beds | No |

---

*** Not used in calculating mortality rates**

# D C H REHABILITATION PAVILION

1101 SIXTH AVE EAST
TUSCALOOSA, AL 35401
Medicare Provider Number: 010153

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 5 | 0.0 | 3.3 | ----- | 40.0 | 7.0 | ----- | 40.0 | 9.9 | ----- |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 0 | | | | | | | | | |
| Congestive Heart Failure | 0 | | | | | | | | | |
| Pneumonia/Influenza | 0 | | | | | | | | | |
| Chronic Obstructive Pulmonary Disease | 0 | | | | | | | | | |
| Transient Cerebral Ischemia | 0 | | | | | | | | | |
| Stroke | 0 | | | | | | | | | |
| Hip Fracture | 0 | | | | | | | | | |
| Sepsis | 0 | | | | | | | | | |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 0 | | | | | | | | | |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation
was not computed for one or more of the three fiscal years,
(1988, 1989, or 1990)

# D C H REHABILITATION PAVILION

Medicare Provider Number: 010153

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 77.6 years |
| Proportion female | 60.0 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 0.0 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.0 % |
| Admitted for emergency | 0.0 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 0.0 % |
| Chronic cardiovascular disease | 60.0 % |
| Chronic liver disease | 0.0 % |
| Chronic renal disease | 0.0 % |
| Chronic pulmonary disease | 20.0 % |
| Cerebrovascular degeneration | 0.0 % |
| Diabetes mellitus | 0.0 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 0.0% |
| State | 93.7% |
| Outside State | 6.3% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 18.9 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 38 |
| Occupancy Rate | 62.0 % |
| Ownership.Control | Private, Non-Profit |
| Medicare Discharges | 80.3 % |
| Case Mix Index (CMI) | 1.9047 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | 6 |
| Percent of Physicians Board Certified Specialists | 83.3 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 26 |
| Licensed Practical Nurses | 10 |

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | No |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | Yes |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# D E JACKSON MEMORIAL HOSPITAL

IVY POINT RD DRAWER A
LESTER, AL 35647
Medicare Provider Number: 010136

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 31 | 3.2 | 3.8 | ----- | 3.2 | 6.2 | ----- | 6.5 | 8.3 | ----- |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 0 | | | | | | | | | |
| Congestive Heart Failure | 0 | | | | | | | | | |
| Pneumonia/Influenza | 1 | 0.0 | 6.8 | ----- | 0.0 | 9.1 | ----- | 0.0 | 11.0 | ----- |
| Chronic Obstructive Pulmonary Disease | 0 | | | | | | | | | |
| Transient Cerebral Ischemia | 0 | | | | | | | | | |
| Stroke | 0 | | | | | | | | | |
| Hip Fracture | 0 | | | | | | | | | |
| Sepsis | 0 | | | | | | | | | |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 0 | | | | | | | | | |
| Hysterectomy | 1 | 0.0 | 0.2 | ----- | 0.0 | 0.5 | ----- | 0.0 | 0.8 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation
was not computed for one or more of the three fiscal years,
(1988, 1989, or 1990)

# D E JACKSON MEMORIAL HOSPITAL
Medicare Provider Number: 010136

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | |
|---|---|
| **DEMOGRAPHICS:** | |
| Average age at admission | 65.9 years |
| Proportion female | 48.4 % |
| **ADMISSION SOURCES/TYPES:** | |
| Referred by personal or HMO physician | 96.8 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 12.9 % |
| Admitted for emergency | 0.0 % |

| | |
|---|---|
| **COMORBIDITIES:** | |
| Cancer | 3.2 % |
| Chronic cardiovascular disease | 25.8 % |
| Chronic liver disease | 0.0 % |
| Chronic renal disease | 0.0 % |
| Chronic pulmonary disease | 25.8 % |
| Cerebrovascular degeneration | 3.2 % |
| Diabetes mellitus | 9.7 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | |
|---|---|
| **ORIGIN OF MEDICARE PATIENT ADMISSION:** | |
| County/City | 53.7% |
| State | 11.1% |
| Outside State | 35.2% |
| Total | 100.0% |

| | |
|---|---|
| **MEDICARE AVERAGE LENGTH OF STAY:** | |
| Hospital | 8.7 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1991

| | |
|---|---|
| **PROFILE:** | |
| Total Beds | 38 |
| Ownership/Control | Private, For Profit |
| Case Mix Index (CMI) | 0.9732 |
| **STAFFING:** | |
| Medical Residents/Interns | 0 |
| Registered Nurses | 6 |
| Licensed Practical Nurses | 3 |

| | |
|---|---|
| **SPECIALTY SERVICES:** | |
| Burn Unit | No |
| Coronary Care Unit | No |
| Hospice Care | No |
| Intensive Care Unit | No |
| Organ Transplant | No |
| Trauma Center | No |
| **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Alcohol/Drug | Yes |
| Rehabilitation | No |
| Psychiatric | Yes |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# D W MCMILLAN MEMORIAL HOSPITAL

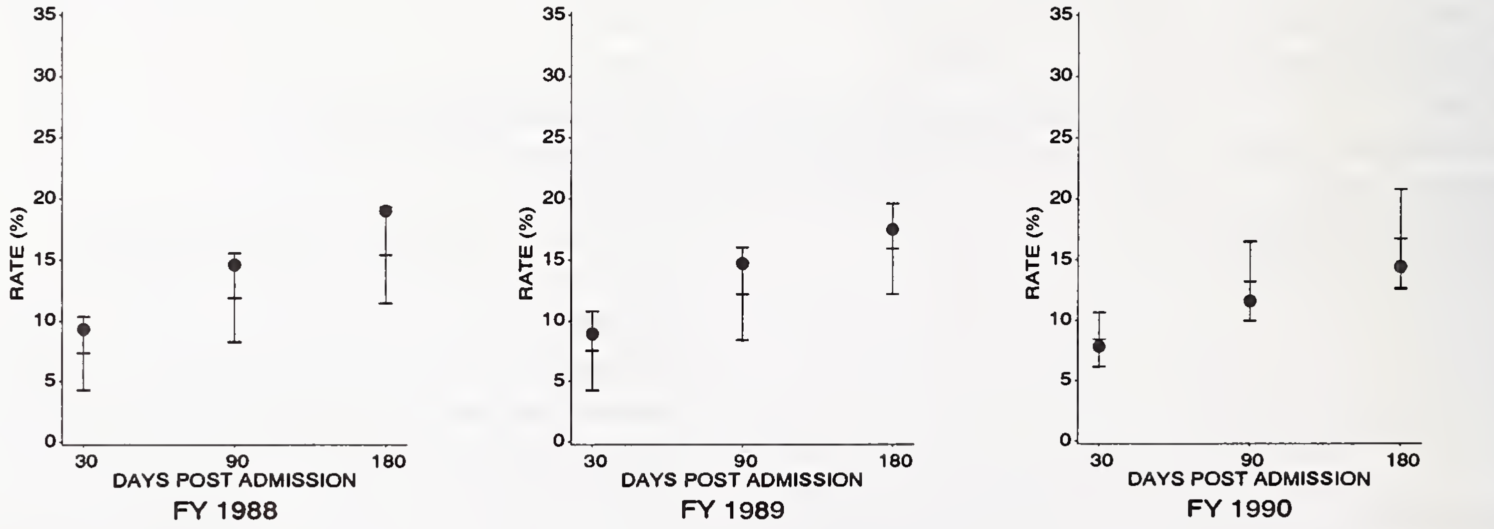
1301 BELLEVILLE AV
BREWTON, AL 36426
Medicare Provider Number: 010099

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 715 | 7.8 | 8.4 | 1.1 | 11.6 | 13.2 | 1.6 | 14.4 | 16.7 | 2.0 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 17 | 23.5 | 27.2 | ----- | 35.3 | 29.8 | ----- | 47.1 | 32.3 | ----- |
| Congestive Heart Failure | 27 | 14.8 | 16.3 | ----- | 29.6 | 26.6 | ----- | 40.7 | 34.2 | ----- |
| Pneumonia/Influenza | 33 | 15.2 | 14.4 | ----- | 24.2 | 19.8 | ----- | 30.3 | 23.4 | ----- |
| Chronic Obstructive Pulmonary Disease | 26 | 3.8 | 6.4 | ----- | 11.5 | 11.6 | ----- | 11.5 | 16.0 | ----- |
| Transient Cerebral Ischemia | 24 | 4.2 | 1.5 | ----- | 4.2 | 3.5 | ----- | 4.2 | 5.7 | ----- |
| Stroke | 25 | 16.0 | 22.9 | ----- | 20.0 | 32.0 | ----- | 28.0 | 36.7 | ----- |
| Hip Fracture | 2 | 0.0 | 6.6 | ----- | 50.0 | 12.6 | ----- | 50.0 | 16.0 | ----- |
| Sepsis | 11 | 63.6 | 29.7 | ----- | 63.6 | 40.7 | ----- | 63.6 | 46.6 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 1 | 0.0 | 1.0 | ----- | 0.0 | 2.0 | ----- | 100.0 | 2.9 | ----- |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 1 | 0.0 | 4.1 | ----- | 0.0 | 8.1 | ----- | 0.0 | 10.9 | ----- |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 19 | 5.3 | 1.6 | ----- | 5.3 | 3.1 | ----- | 5.3 | 4.1 | ----- |
| Hysterectomy | 12 | 0.0 | 0.6 | ----- | 8.3 | 1.1 | ----- | 8.3 | 1.8 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

# D W MCMILLAN MEMORIAL HOSPITAL

Medicare Provider Number: 010099

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | |
|---|---|
| **DEMOGRAPHICS:** | |
| Average age at admission | 74.5 years |
| Proportion female | 60.1 % |
| **ADMISSION SOURCES/TYPES:** | |
| Referred by personal or HMO physician | 26.7 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 8.5 % |
| Admitted for emergency | 56.4 % |

| | |
|---|---|
| **COMORBIDITIES:** | |
| Cancer | 7.5 % |
| Chronic cardiovascular disease | 30.7 % |
| Chronic liver disease | 0.6 % |
| Chronic renal disease | 4.1 % |
| Chronic pulmonary disease | 18.0 % |
| Cerebrovascular degeneration | 3.9 % |
| Diabetes mellitus | 11.9 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | |
|---|---|
| **ORIGIN OF MEDICARE PATIENT ADMISSION:** | |
| County/City | 75.9% |
| State | 20.9% |
| Outside State | 3.2% |
| Total | 100.0% |

| | |
|---|---|
| **MEDICARE AVERAGE LENGTH OF STAY:** | |
| Hospital | 5.7 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | |
|---|---|
| **PROFILE:** | |
| Total Beds | 91 |
| Occupancy Rate | 38.0 % |
| Ownership/Control | District/Authority |
| Medicare Discharges | 41.7 % |
| Case Mix Index (CMI) | 1.0341 |
| **STAFFING:** | |
| Total Number of Physicians | 20 |
| Percent of Physicians Board Certified Specialists | 55.0 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 34 |
| Licensed Practical Nurses | 43 |

| | |
|---|---|
| **SPECIALTY SERVICES:** | |
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |
| **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# DALE COUNTY HOSPITAL

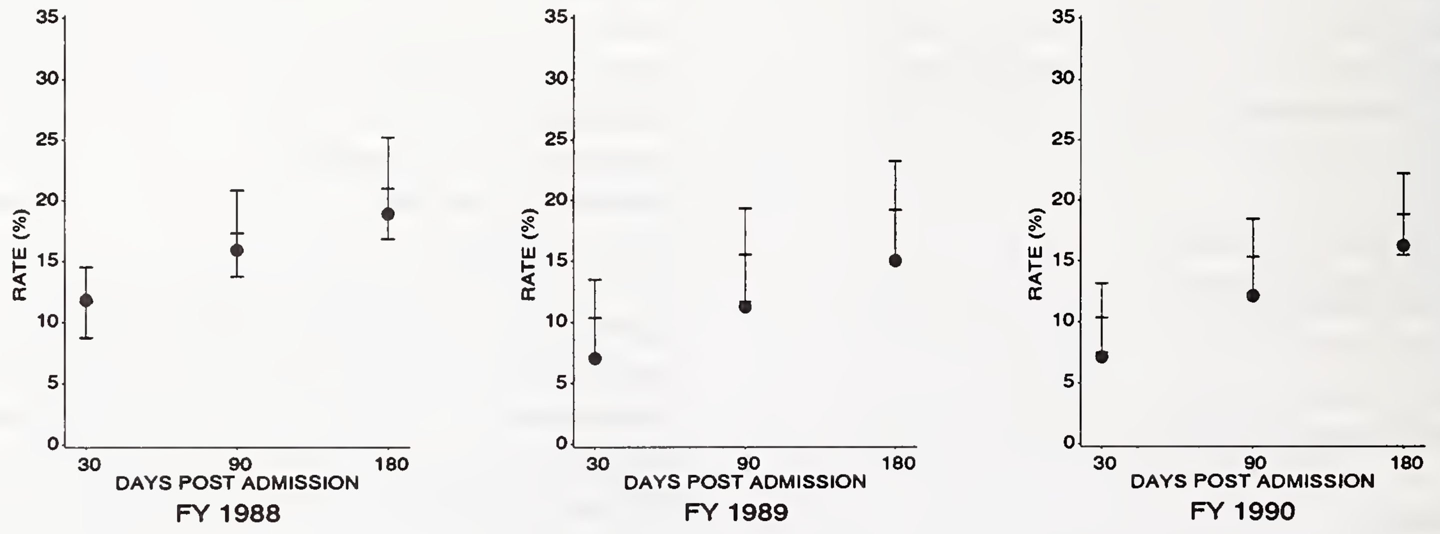
100 HOSPITAL AV
OZARK, AL 36360
Medicare Provider Number: 010021

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 742 | 7.1 | 10.3 | 1.4 | 12.1 | 15.3 | 1.6 | 16.2 | 18.8 | 1.7 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 14 | 35.7 | 32.0 | ----- | 42.9 | 35.6 | ----- | 50.0 | 39.1 | ----- |
| Congestive Heart Failure | 25 | 0.0 | 15.1 | ----- | 12.0 | 23.8 | ----- | 20.0 | 30.5 | ----- |
| Pneumonia/Influenza | 69 | 8.7 | 13.0 | 4.8 | 15.9 | 17.9 | 4.8 | 18.8 | 21.2 | 5.2 |
| Chronic Obstructive Pulmonary Disease | 9 | 11.1 | 6.8 | ----- | 22.2 | 12.1 | ----- | 33.3 | 16.3 | ----- |
| Transient Cerebral Ischemia | 12 | 0.0 | 2.9 | ----- | 8.3 | 6.0 | ----- | 8.3 | 9.3 | ----- |
| Stroke | 14 | 28.6 | 17.3 | ----- | 35.7 | 24.1 | ----- | 35.7 | 27.9 | ----- |
| Hip Fracture | 16 | 0.0 | 7.6 | ----- | 0.0 | 13.1 | ----- | 0.0 | 16.8 | ----- |
| Sepsis | 13 | 15.4 | 23.9 | ----- | 23.1 | 29.6 | ----- | 30.8 | 34.1 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 8 | 0.0 | 2.7 | ----- | 0.0 | 5.7 | ----- | 0.0 | 8.7 | ----- |
| Carotid Endarterectomy | 2 | 0.0 | 1.2 | ----- | 0.0 | 2.4 | ----- | 0.0 | 3.6 | ----- |
| Hip Replacement/Reconstruction | 6 | 0.0 | 1.4 | ----- | 0.0 | 2.7 | ----- | 0.0 | 4.2 | ----- |
| Open Reduction of Hip Fracture | 12 | 0.0 | 7.3 | ----- | 0.0 | 13.2 | ----- | 0.0 | 17.3 | ----- |
| Prostatectomy | 30 | 3.3 | 1.6 | ----- | 6.7 | 3.5 | ----- | 13.3 | 5.9 | ----- |
| Cholecystectomy | 18 | 0.0 | 4.0 | ----- | 0.0 | 6.8 | ----- | 0.0 | 8.3 | ----- |
| Hysterectomy | 3 | 0.0 | 0.4 | ----- | 0.0 | 1.0 | ----- | 0.0 | 1.6 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

# DALE COUNTY HOSPITAL
Medicare Provider Number: 010021

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | |
|---|---|
| **DEMOGRAPHICS:** | |
| Average age at admission | 75.3 years |
| Proportion female | 58.4 % |
| **ADMISSION SOURCES/TYPES:** | |
| Referred by personal or HMO physician | 33.0 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.1 % |
| Admitted for emergency | 62.0 % |

| | |
|---|---|
| **COMORBIDITIES:** | |
| Cancer | 4.9 % |
| Chronic cardiovascular disease | 44.7 % |
| Chronic liver disease | 0.5 % |
| Chronic renal disease | 4.3 % |
| Chronic pulmonary disease | 33.2 % |
| Cerebrovascular degeneration | 4.6 % |
| Diabetes mellitus | 15.1 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | |
|---|---|
| **ORIGIN OF MEDICARE PATIENT ADMISSION:** | |
| County/City | 76.9% |
| State | 20.5% |
| Outside State | 2.6% |
| Total | 100.0% |

| | |
|---|---|
| **MEDICARE AVERAGE LENGTH OF STAY:** | |
| Hospital | 7.7 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | |
|---|---|
| **PROFILE:** | |
| Total Beds | 89 |
| Occupancy Rate | 49.0 % |
| Ownership/Control | Local Government |
| Medicare Discharges | 41.5 % |
| Case Mix Index (CMI) | 1.3043 |
| **STAFFING:** | |
| Total Number of Physicians | 19 |
| Percent of Physicians Board Certified Specialists | 47.4 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 54 |
| Licensed Practical Nurses | 41 |

| | |
|---|---|
| **SPECIALTY SERVICES:** | |
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | Yes |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | Yes |
| **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

* Not used in calculating mortality rates

# DECATUR GENERAL HOSPITAL

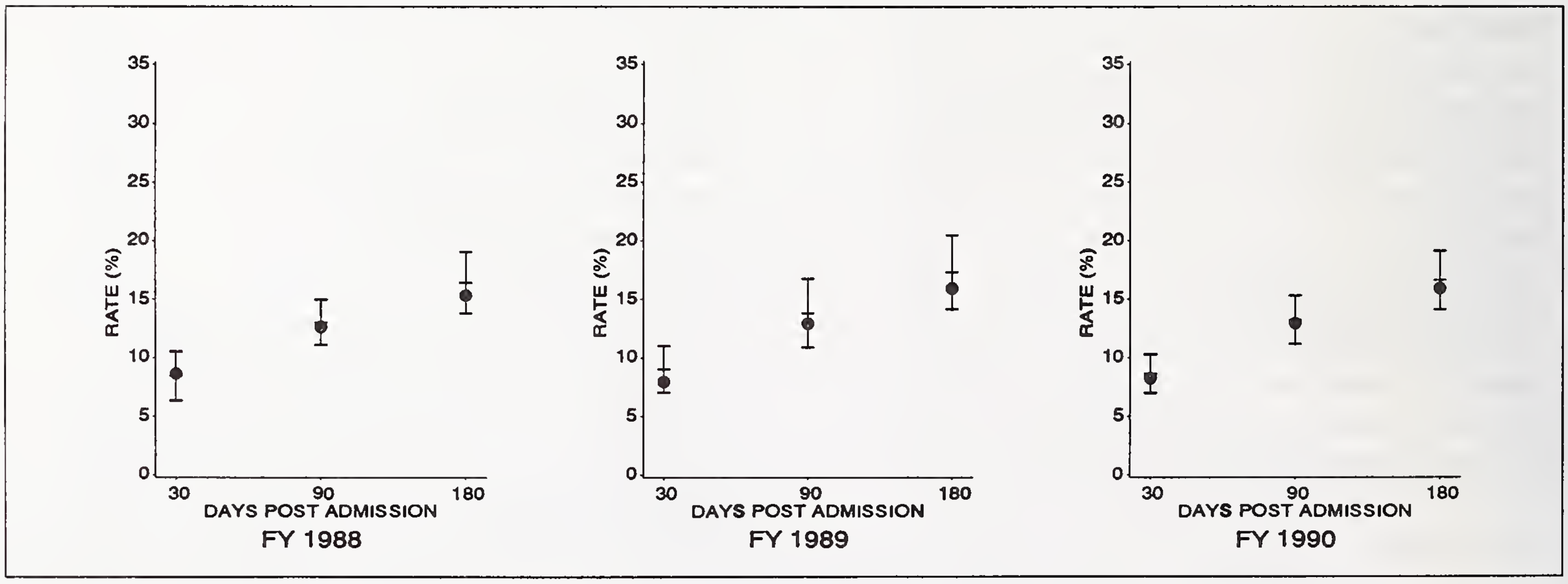
1201 7TH ST SE
DECATUR, AL 35602
Medicare Provider Number: 010085

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 1593 | 8.2 | 8.6 | 0.8 | 12.9 | 13.2 | 1.0 | 15.9 | 16.6 | 1.3 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 36 | 25.0 | 21.8 | ----- | 30.6 | 26.2 | ----- | 33.3 | 29.6 | ----- |
| Congestive Heart Failure | 68 | 13.2 | 14.0 | 4.3 | 20.6 | 22.0 | 5.2 | 27.9 | 27.6 | 5.6 |
| Pneumonia/Influenza | 82 | 15.9 | 13.8 | 5.6 | 19.5 | 18.9 | 5.4 | 22.0 | 22.2 | 5.3 |
| Chronic Obstructive Pulmonary Disease | 34 | 5.9 | 8.4 | ----- | 8.8 | 14.6 | ----- | 17.6 | 19.2 | ----- |
| Transient Cerebral Ischemia | 25 | 4.0 | 1.8 | ----- | 12.0 | 3.8 | ----- | 16.0 | 6.0 | ----- |
| Stroke | 36 | 13.9 | 17.8 | ----- | 22.2 | 24.3 | ----- | 22.2 | 28.0 | ----- |
| Hip Fracture | 47 | 12.8 | 7.2 | ----- | 19.1 | 12.7 | ----- | 25.5 | 16.3 | ----- |
| Sepsis | 26 | 19.2 | 22.3 | ----- | 26.9 | 29.5 | ----- | 26.9 | 33.7 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 8 | 0.0 | 4.5 | ----- | 12.5 | 8.4 | ----- | 12.5 | 11.4 | ----- |
| Carotid Endarterectomy | 23 | 0.0 | 1.3 | ----- | 0.0 | 2.4 | ----- | 0.0 | 3.7 | ----- |
| Hip Replacement/Reconstruction | 27 | 7.4 | 3.4 | ----- | 14.8 | 6.0 | ----- | 18.5 | 7.8 | ----- |
| Open Reduction of Hip Fracture | 29 | 13.8 | 6.2 | ----- | 17.2 | 11.6 | ----- | 24.1 | 15.3 | ----- |
| Prostatectomy | 34 | 0.0 | 1.0 | ----- | 2.9 | 2.1 | ----- | 2.9 | 3.4 | ----- |
| Cholecystectomy | 69 | 1.4 | 2.2 | 1.9 | 2.9 | 4.2 | 2.6 | 2.9 | 5.7 | 3.6 |
| Hysterectomy | 13 | 0.0 | 0.1 | ----- | 0.0 | 0.2 | ----- | 0.0 | 0.5 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# DECATUR GENERAL HOSPITAL
Medicare Provider Number: 010085

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | | | |
|---|---|---|---|
| DEMOGRAPHICS: | | COMORBIDITIES: | |
| Average age at admission | 72.5 years | Cancer | 8.5 % |
| Proportion female | 56.1 % | Chronic cardiovascular disease | 33.8 % |
| ADMISSION SOURCES/TYPES: | | Chronic liver disease | 1.3 % |
| Referred by personal or HMO physician | 38.6 % | Chronic renal disease | 4.1 % |
| Transferred from skilled nursing facility | 0.0 % | Chronic pulmonary disease | 18.5 % |
| Admitted for elective procedure | 26.5 % | Cerebrovascular degeneration | 2.8 % |
| Admitted for emergency | 64.2 % | Diabetes mellitus | 6.5 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | | | |
|---|---|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | | MEDICARE AVERAGE LENGTH OF STAY: | |
| County/City | 73.5% | Hospital | 9.8 Days |
| State | 24.3% | State | 7.9 Days |
| Outside State | 2.2% | National | 8.6 Days |
| Total | 100.0% | | |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | | | |
|---|---|---|---|
| PROFILE: | | SPECIALTY SERVICES: | |
| Total Beds | 242 | Burn Unit | No |
| Occupancy Rate | 61.0 % | Cardiac Intensive Care | Yes |
| Ownership/Control | Local Government | Comprehensive Geriatric | No |
| Medicare Discharges | 28.6 % | Hospice Care | No |
| Case Mix Index (CMI) | 1.3102 | Medical/Surgical Intensive Care | Yes |
| STAFFING: | | Organ/Tissue Transplant | No |
| Total Number of Physicians | 106 | Other Intensive Care | No |
| Percent of Physicians Board Certified Specialists | 79.2 % | Trauma Center | No |
| Medical Residents/Interns | 0 | OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| Registered Nurses | 222 | Alcohol/Drug | Yes |
| Licensed Practical Nurses | 85 | Rehabilitation | No |
| | | Psychiatric | Yes |
| | | Medicare Swing Beds | No |

** Except for CMI

* Not used in calculating mortality rates

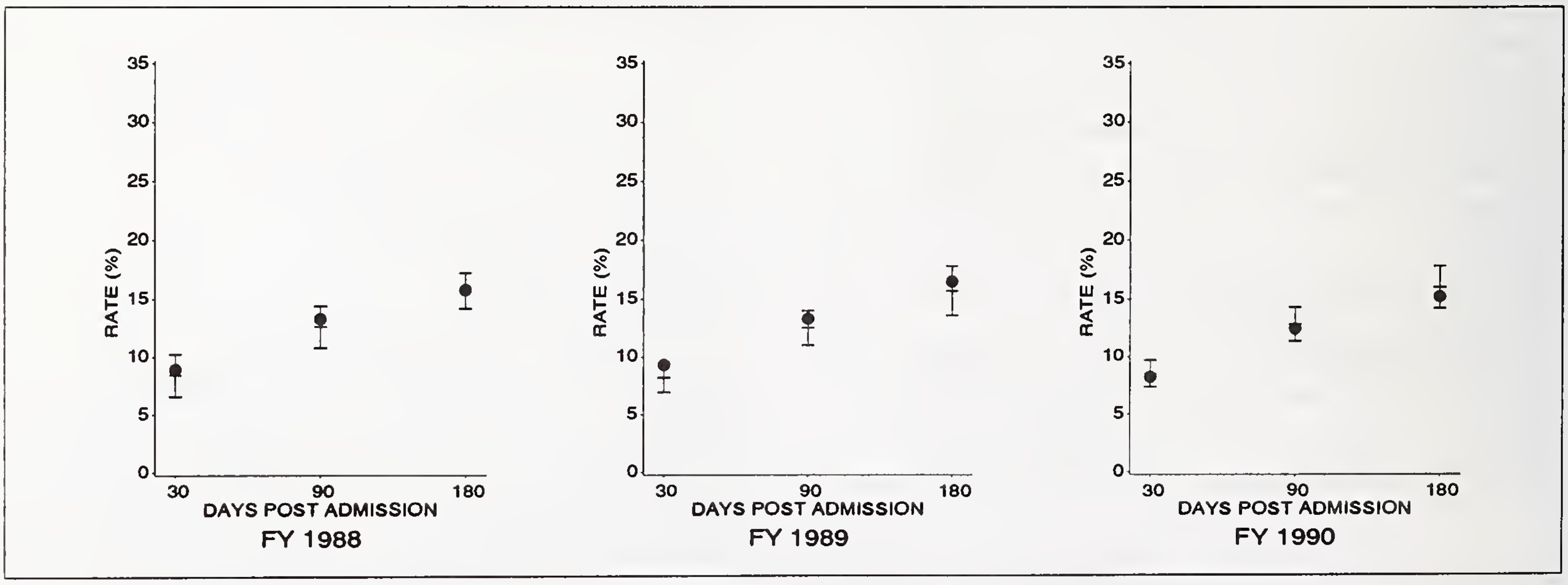
# EAST ALABAMA MEDICAL CENTER
2000 PEPPERELL PARKWAY
OPELIKA, AL 36802
Medicare Provider Number: 010029

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 2655 | 8.2 | 8.5 | 0.6 | 12.4 | 12.8 | 0.7 | 15.2 | 16.0 | 0.9 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 74 | 20.3 | 29.4 | 6.8 | 20.3 | 32.2 | 7.4 | 23.0 | 35.0 | 8.0 |
| Congestive Heart Failure | 136 | 16.9 | 14.0 | 3.8 | 22.8 | 22.3 | 3.6 | 27.9 | 28.3 | 4.2 |
| Pneumonia/Influenza | 94 | 17.0 | 16.0 | 3.8 | 20.2 | 21.9 | 5.4 | 24.5 | 25.3 | 4.5 |
| Chronic Obstructive Pulmonary Disease | 55 | 9.1 | 8.9 | 5.7 | 9.1 | 15.9 | 6.7 | 10.9 | 21.1 | 8.3 |
| Transient Cerebral Ischemia | 31 | 3.2 | 1.5 | ----- | 3.2 | 3.3 | ----- | 6.5 | 5.3 | ----- |
| Stroke | 104 | 14.4 | 18.0 | 4.8 | 24.0 | 23.8 | 4.7 | 26.9 | 27.5 | 4.9 |
| Hip Fracture | 64 | 6.3 | 5.7 | 3.0 | 9.4 | 9.9 | 3.8 | 10.9 | 12.9 | 4.5 |
| Sepsis | 49 | 22.4 | 26.6 | ----- | 28.6 | 34.0 | ----- | 30.6 | 38.7 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 68 | 4.4 | 3.8 | 2.4 | 4.4 | 4.8 | 2.9 | 5.9 | 5.8 | 3.1 |
| Coronary Artery Bypass Graft | 80 | 1.2 | 6.1 | 4.2 | 6.3 | 8.3 | 4.7 | 6.3 | 9.4 | 4.5 |
| Initial Pacemaker Insertion | 36 | 8.3 | 3.4 | ----- | 11.1 | 6.5 | ----- | 11.1 | 9.3 | ----- |
| Carotid Endarterectomy | 30 | 0.0 | 1.1 | ----- | 0.0 | 2.2 | ----- | 0.0 | 3.3 | ----- |
| Hip Replacement/Reconstruction | 39 | 0.0 | 2.9 | ----- | 2.6 | 5.5 | ----- | 2.6 | 7.6 | ----- |
| Open Reduction of Hip Fracture | 39 | 10.3 | 5.4 | ----- | 12.8 | 9.5 | ----- | 15.4 | 12.4 | ----- |
| Prostatectomy | 61 | 0.0 | 1.4 | 3.0 | 1.6 | 3.0 | 4.1 | 8.2 | 4.9 | 4.3 |
| Cholecystectomy | 49 | 2.0 | 2.6 | ----- | 4.1 | 4.4 | ----- | 4.1 | 5.7 | ----- |
| Hysterectomy | 20 | 0.0 | 0.5 | ----- | 0.0 | 1.2 | ----- | 0.0 | 1.9 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# EAST ALABAMA MEDICAL CENTER

Medicare Provider Number: 010029

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 72.7 years |
| Proportion female | 56.3 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 42.4 % |
| Transferred from skilled nursing facility | 0.1 % |
| Admitted for elective procedure | 21.9 % |
| Admitted for emergency | 57.1 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 6.3 % |
| Chronic cardiovascular disease | 36.1 % |
| Chronic liver disease | 0.7 % |
| Chronic renal disease | 5.6 % |
| Chronic pulmonary disease | 13.6 % |
| Cerebrovascular degeneration | 2.3 % |
| Diabetes mellitus | 9.7 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 50.6% |
| State | 46.7% |
| Outside State | 2.7% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 8.9 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 313 |
| Occupancy Rate | 75.0 % |
| Ownership/Control | District/Authority |
| Medicare Discharges | 35.6 % |
| Case Mix Index (CMI) | 1.4336 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | 90 |
| Percent of Physicians Board Certified Specialists | 80.0 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 329 |
| Licensed Practical Nurses | 90 |

** Except for CMI

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | Yes |
| Comprehensive Geriatric | No |
| Hospice Care | Yes |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | Yes |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | Yes |
| Rehabilitation | No |
| Psychiatric | Yes |
| Medicare Swing Beds | No |

*** Not used in calculating mortality rates**

# EDGE REGIONAL MEDICAL CENTER

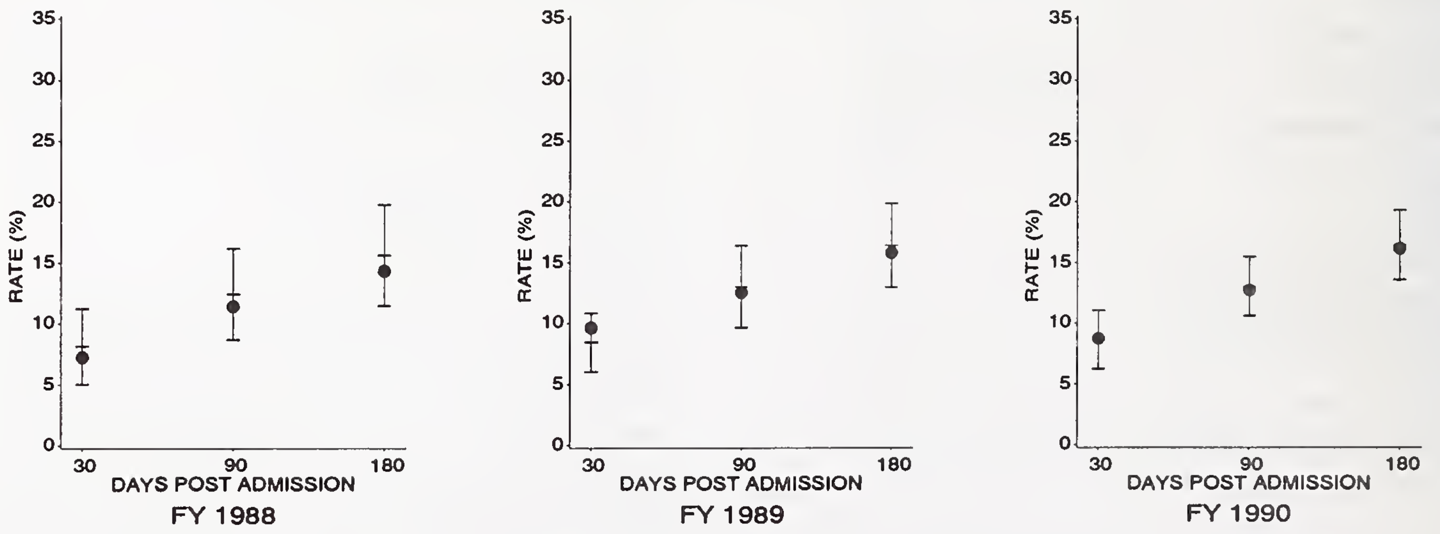
HWY 231 BY-PASS BOX 667
TROY, AL 36081
Medicare Provider Number: 010126

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 778 | 8.7 | 8.6 | 1.2 | 12.7 | 13.0 | 1.2 | 16.1 | 16.4 | 1.4 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 12 | 16.7 | 27.0 | ----- | 16.7 | 29.4 | ----- | 16.7 | 32.1 | ----- |
| Congestive Heart Failure | 54 | 16.7 | 15.4 | 5.0 | 20.4 | 24.3 | 6.8 | 25.9 | 30.9 | 8.4 |
| Pneumonia/Influenza | 37 | 0.0 | 13.6 | ----- | 0.0 | 18.7 | ----- | 8.1 | 22.2 | ----- |
| Chronic Obstructive Pulmonary Disease | 15 | 6.7 | 7.1 | ----- | 13.3 | 12.1 | ----- | 20.0 | 16.0 | ----- |
| Transient Cerebral Ischemia | 21 | 9.5 | 2.2 | ----- | 14.3 | 4.7 | ----- | 19.0 | 7.6 | ----- |
| Stroke | 36 | 22.2 | 19.3 | ----- | 30.6 | 25.2 | ----- | 30.6 | 28.9 | ----- |
| Hip Fracture | 1 | 0.0 | 4.0 | ----- | 0.0 | 8.4 | ----- | 0.0 | 12.1 | ----- |
| Sepsis | 5 | 20.0 | 13.9 | ----- | 40.0 | 19.3 | ----- | 40.0 | 23.4 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 2 | 0.0 | 1.9 | ----- | 0.0 | 3.6 | ----- | 0.0 | 5.2 | ----- |
| Carotid Endarterectomy | 3 | 0.0 | 2.0 | ----- | 0.0 | 3.6 | ----- | 0.0 | 5.3 | ----- |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 10 | 0.0 | 2.7 | ----- | 0.0 | 4.5 | ----- | 0.0 | 5.7 | ----- |
| Hysterectomy | 2 | 0.0 | 0.7 | ----- | 0.0 | 1.6 | ----- | 0.0 | 2.8 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# EDGE REGIONAL MEDICAL CENTER
Medicare Provider Number: 010126

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | | | |
|---|---|---|---|
| DEMOGRAPHICS: | | COMORBIDITIES: | |
| Average age at admission | 75.7 years | Cancer | 5.5 % |
| Proportion female | 60.4 % | Chronic cardiovascular disease | 44.6 % |
| ADMISSION SOURCES/TYPES: | | Chronic liver disease | 0.8 % |
| Referred by personal or HMO physician | 36.1 % | Chronic renal disease | 1.3 % |
| Transferred from skilled nursing facility | 0.0 % | Chronic pulmonary disease | 17.7 % |
| Admitted for elective procedure | 36.0 % | Cerebrovascular degeneration | 4.5 % |
| Admitted for emergency | 62.6 % | Diabetes mellitus | 9.8 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | | | |
|---|---|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | | MEDICARE AVERAGE LENGTH OF STAY: | |
| County/City | 85.9% | Hospital | 7.4 Days |
| State | 12.1% | State | 7.9 Days |
| Outside State | 2.0% | National | 8.6 Days |
| Total | 100.0% | | |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | | | |
|---|---|---|---|
| PROFILE: | | SPECIALTY SERVICES: | |
| Total Beds | 97 | Burn Unit | No |
| Occupancy Rate | 42.0 % | Cardiac Intensive Care | No |
| Ownership/Control | Local Government | Comprehensive Geriatric | No |
| Medicare Discharges | 50.5 % | Hospice Care | No |
| Case Mix Index (CMI) | 1.0661 | Medical/Surgical Intensive Care | No |
| STAFFING: | | Organ/Tissue Transplant | No |
| Total Number of Physicians | 17 | Other Intensive Care | No |
| Percent of Physicians Board Certified Specialists | 58.8 % | Trauma Center | No |
| | | OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| Medical Residents/Interns | 0 | Alcohol/Drug | No |
| Registered Nurses | 53 | Rehabilitation | No |
| Licensed Practical Nurses | 42 | Psychiatric | No |
| | | Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# ELBA GENERAL HOSPITAL

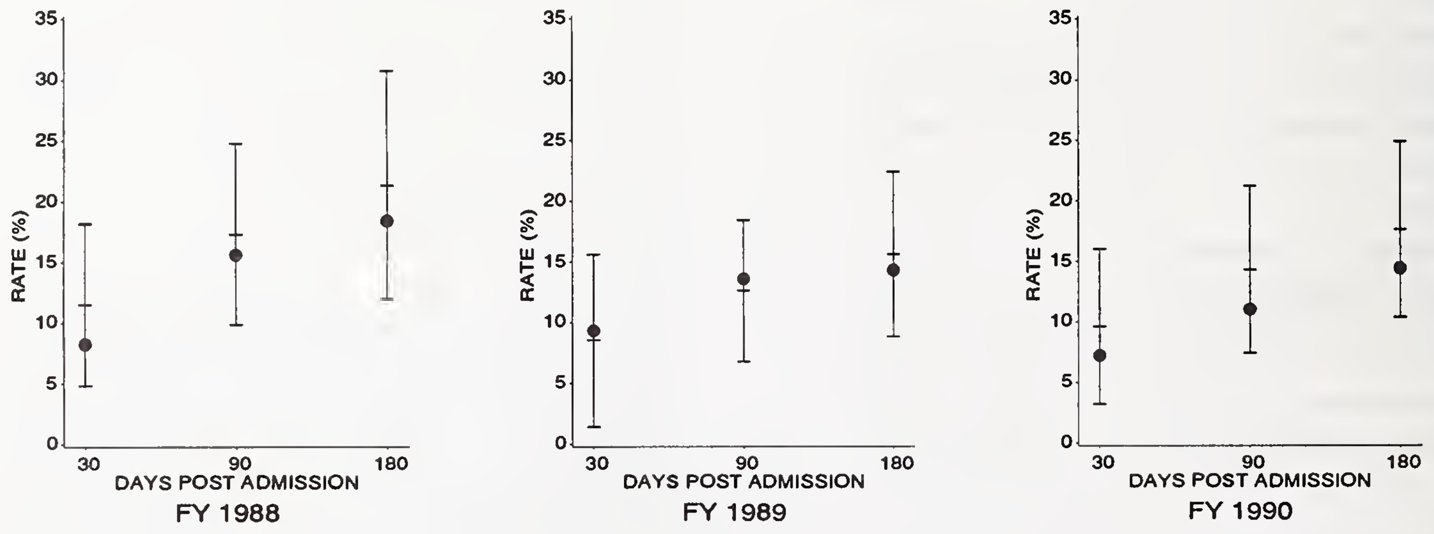
987 DRAYTON ST
ELBA, AL 36323
Medicare Provider Number: 010027

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 209 | 7.2 | 9.6 | 3.2 | 11.0 | 14.3 | 3.5 | 14.4 | 17.6 | 3.6 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 3 | 33.3 | 26.5 | ----- | 66.7 | 29.0 | ----- | 66.7 | 31.7 | ----- |
| Congestive Heart Failure | 7 | 0.0 | 23.4 | ----- | 0.0 | 35.6 | ----- | 0.0 | 43.6 | ----- |
| Pneumonia/Influenza | 46 | 10.9 | 15.8 | ----- | 15.2 | 21.8 | ----- | 21.7 | 25.7 | ----- |
| Chronic Obstructive Pulmonary Disease | 1 | 0.0 | 1.6 | ----- | 0.0 | 4.0 | ----- | 0.0 | 6.9 | ----- |
| Transient Cerebral Ischemia | 6 | 16.7 | 0.9 | ----- | 16.7 | 2.2 | ----- | 16.7 | 3.9 | ----- |
| Stroke | 1 | 100.0 | 30.9 | ----- | 100.0 | 37.1 | ----- | 100.0 | 42.0 | ----- |
| Hip Fracture | 0 | | | | | | | | | |
| Sepsis | 2 | 0.0 | 19.0 | ----- | 0.0 | 28.5 | ----- | 0.0 | 32.7 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 0 | | | | | | | | | |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ELBA GENERAL HOSPITAL

Medicare Provider Number: 010027

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | |
|---|---|
| DEMOGRAPHICS: | |
| Average age at admission | 75.8 years |
| Proportion female | 66.0 % |
| ADMISSION SOURCES/TYPES: | |
| Referred by personal or HMO physician | 95.2 % |
| Transferred from skilled nursing facility | 0.5 % |
| Admitted for elective procedure | 0.0 % |
| Admitted for emergency | 70.3 % |

| | |
|---|---|
| COMORBIDITIES: | |
| Cancer | 3.8 % |
| Chronic cardiovascular disease | 27.3 % |
| Chronic liver disease | 2.4 % |
| Chronic renal disease | 5.7 % |
| Chronic pulmonary disease | 23.0 % |
| Cerebrovascular degeneration | 3.3 % |
| Diabetes mellitus | 5.3 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | |
|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | |
| County/City | 87.3% |
| State | 10.6% |
| Outside State | 2.1% |
| Total | 100.0% |

| | |
|---|---|
| MEDICARE AVERAGE LENGTH OF STAY: | |
| Hospital | 4.9 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | |
|---|---|
| PROFILE: | |
| Total Beds | 116 |
| Occupancy Rate | (Not Available) |
| Ownership/Control | Private, For Profit |
| Medicare Discharges | (Not Available) |
| Case Mix Index (CMI) | 0.9056 |
| STAFFING: | |
| Total Number of Physicians | (Not Available) |
| Percent of Physicians Board Certified Specialists | (Not Available) |
| Medical Residents/Interns | (Not Available) |
| Registered Nurses | (Not Available) |
| Licensed Practical Nurses | (Not Available) |

| | |
|---|---|
| SPECIALTY SERVICES: | |
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | No |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |
| OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | Yes |

** Except for CMI

*** Not used in calculating mortality rates**

# ELIZA COFFEE MEMORIAL HOSPITAL

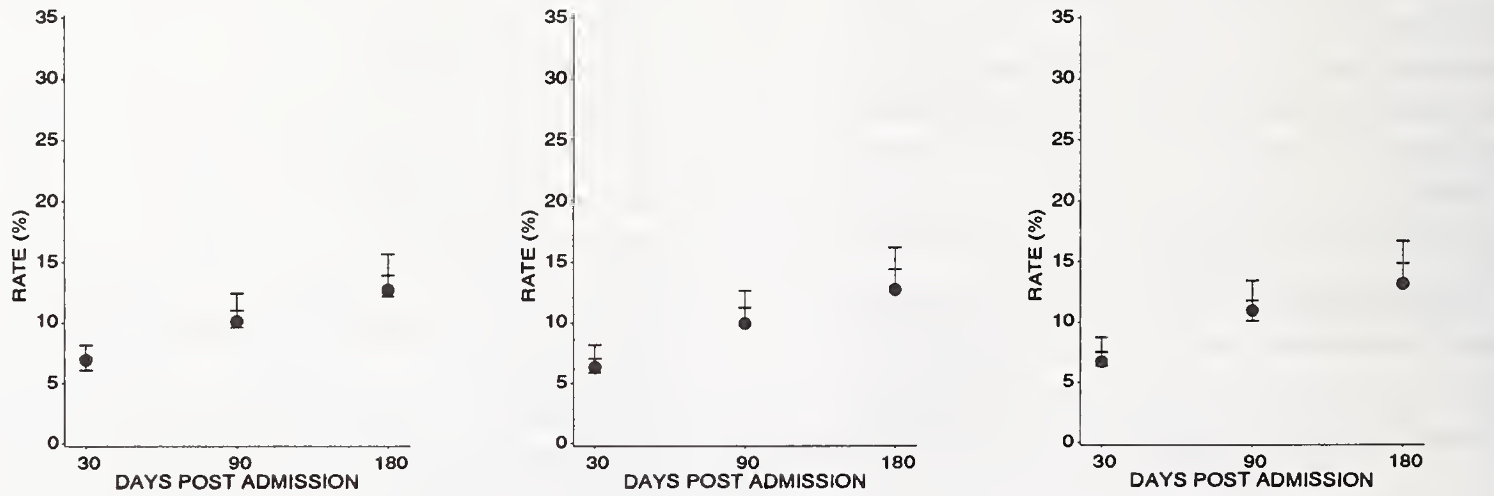
205 MARENGO ST BOX 818
FLORENCE, AL 35631
Medicare Provider Number: 010006

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 2464 | 6.7 | 7.5 | 0.6 | 10.9 | 11.7 | 0.8 | 13.1 | 14.8 | 0.9 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 89 | 19.1 | 21.8 | 5.4 | 21.3 | 24.7 | 5.9 | 22.5 | 27.3 | 7.1 |
| Congestive Heart Failure | 106 | 13.2 | 14.0 | 4.2 | 24.5 | 22.6 | 6.0 | 30.2 | 28.9 | 5.0 |
| Pneumonia/Influenza | 96 | 13.5 | 14.9 | 4.7 | 17.7 | 20.9 | 6.7 | 18.8 | 24.6 | 7.8 |
| Chronic Obstructive Pulmonary Disease | 62 | 8.1 | 5.9 | 3.6 | 14.5 | 10.7 | 4.5 | 19.4 | 14.6 | 7.2 |
| Transient Cerebral Ischemia | 27 | 3.7 | 1.8 | ----- | 7.4 | 4.0 | ----- | 11.1 | 6.4 | ----- |
| Stroke | 74 | 14.9 | 17.6 | 4.9 | 18.9 | 23.4 | 6.1 | 20.3 | 27.2 | 7.6 |
| Hip Fracture | 53 | 7.5 | 5.7 | 3.6 | 13.2 | 10.2 | 5.0 | 13.2 | 13.5 | 5.7 |
| Sepsis | 33 | 15.2 | 23.5 | ----- | 30.3 | 30.6 | ----- | 33.3 | 35.0 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 70 | 0.0 | 3.4 | ----- | 0.0 | 4.6 | ----- | 0.0 | 5.8 | ----- |
| Coronary Artery Bypass Graft | 34 | 14.7 | 9.2 | ----- | 20.6 | 13.1 | ----- | 23.5 | 14.5 | ----- |
| Initial Pacemaker Insertion | 14 | 0.0 | 3.1 | ----- | 7.1 | 6.5 | ----- | 14.3 | 9.9 | ----- |
| Carotid Endarterectomy | 11 | 9.1 | 1.6 | ----- | 9.1 | 3.1 | ----- | 9.1 | 4.5 | ----- |
| Hip Replacement/Reconstruction | 39 | 2.6 | 2.8 | ----- | 2.6 | 5.4 | ----- | 2.6 | 7.5 | ----- |
| Open Reduction of Hip Fracture | 27 | 11.1 | 5.9 | ----- | 22.2 | 11.0 | ----- | 22.2 | 14.8 | ----- |
| Prostatectomy | 56 | 1.8 | 0.9 | 2.5 | 7.1 | 2.1 | 3.7 | 7.1 | 3.6 | 3.3 |
| Cholecystectomy | 30 | 3.3 | 2.9 | ----- | 3.3 | 5.2 | ----- | 6.7 | 6.6 | ----- |
| Hysterectomy | 8 | 0.0 | 0.6 | ----- | 0.0 | 1.2 | ----- | 0.0 | 2.0 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

# ELIZA COFFEE MEMORIAL HOSPITAL

Medicare Provider Number: 010006

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| DEMOGRAPHICS: | |
|---|---|
| Average age at admission | 71.5 years |
| Proportion female | 53.0 % |
| **ADMISSION SOURCES/TYPES:** | |
| Referred by personal or HMO physician | 98.5 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.0 % |
| Admitted for emergency | 90.1 % |

| COMORBIDITIES: | |
|---|---|
| Cancer | 6.7 % |
| Chronic cardiovascular disease | 38.5 % |
| Chronic liver disease | 1.1 % |
| Chronic renal disease | 2.7 % |
| Chronic pulmonary disease | 18.4 % |
| Cerebrovascular degeneration | 4.9 % |
| Diabetes mellitus | 8.7 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| ORIGIN OF MEDICARE PATIENT ADMISSION: | |
|---|---|
| County/City | 68.4% |
| State | 22.4% |
| Outside State | 9.2% |
| Total | 100.0% |

| MEDICARE AVERAGE LENGTH OF STAY: | |
|---|---|
| Hospital | 9.9 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| PROFILE: | |
|---|---|
| Total Beds | 498 |
| Occupancy Rate | 81.0 % |
| Ownership/Control | Local Government |
| Medicare Discharges | 35.2 % |
| Case Mix Index (CMI) | 1.3040 |
| **STAFFING:** | |
| Total Number of Physicians | 77 |
| Percent of Physicians Board Certified Specialists | 84.4 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 234 |
| Licensed Practical Nurses | 160 |

| SPECIALTY SERVICES: | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | Yes |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |
| **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | Yes |
| Medicare Swing Beds | Yes |

** Except for CMI

*** Not used in calculating mortality rates**

# ENTERPRISE HOSPITAL

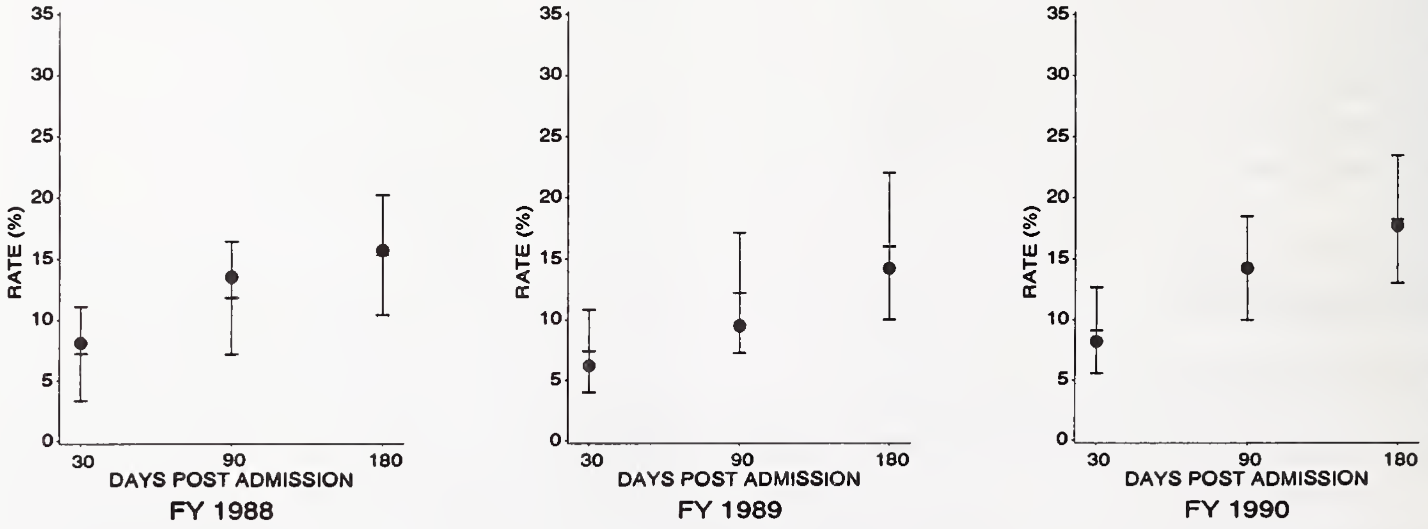
HWY 88 BOX 1220
ENTERPRISE, AL 36331
Medicare Provider Number: 010057

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | PRED | SD* | 90 DAYS OBS | PRED | SD* | 180 DAYS OBS | PRED | SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 316 | 8.2 | 9.1 | 1.8 | 14.2 | 14.2 | 2.1 | 17.7 | 18.2 | 2.6 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 1 | 0.0 | 26.3 | ----- | 0.0 | 28.3 | ----- | 0.0 | 30.8 | ----- |
| Congestive Heart Failure | 15 | 33.3 | 15.9 | ----- | 53.3 | 25.7 | ----- | 53.3 | 33.3 | ----- |
| Pneumonia/Influenza | 40 | 5.0 | 14.4 | ----- | 17.5 | 20.0 | ----- | 22.5 | 23.8 | ----- |
| Chronic Obstructive Pulmonary Disease | 7 | 14.3 | 4.3 | ----- | 14.3 | 8.0 | ----- | 14.3 | 11.5 | ----- |
| Transient Cerebral Ischemia | 5 | 0.0 | 3.2 | ----- | 0.0 | 7.3 | ----- | 0.0 | 11.9 | ----- |
| Stroke | 6 | 33.3 | 28.5 | ----- | 33.3 | 37.1 | ----- | 50.0 | 41.8 | ----- |
| Hip Fracture | 3 | 0.0 | 8.2 | ----- | 0.0 | 13.1 | ----- | 0.0 | 16.8 | ----- |
| Sepsis | 4 | 25.0 | 28.7 | ----- | 25.0 | 34.9 | ----- | 25.0 | 38.7 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 1 | 0.0 | 3.0 | ----- | 0.0 | 5.6 | ----- | 0.0 | 7.7 | ----- |
| Open Reduction of Hip Fracture | 2 | 0.0 | 9.7 | ----- | 0.0 | 15.7 | ----- | 0.0 | 20.3 | ----- |
| Prostatectomy | 3 | 0.0 | 0.6 | ----- | 0.0 | 1.5 | ----- | 0.0 | 2.8 | ----- |
| Cholecystectomy | 2 | 0.0 | 1.3 | ----- | 0.0 | 2.5 | ----- | 0.0 | 3.9 | ----- |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

# ENTERPRISE HOSPITAL
Medicare Provider Number: 010057

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| DEMOGRAPHICS: | |
|---|---|
| Average age at admission | 75.9 years |
| Proportion female | 63.3 % |
| **ADMISSION SOURCES/TYPES:** | |
| Referred by personal or HMO physician | 96.2 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.0 % |
| Admitted for emergency | 61.7 % |

| COMORBIDITIES: | |
|---|---|
| Cancer | 6.6 % |
| Chronic cardiovascular disease | 43.4 % |
| Chronic liver disease | 0.6 % |
| Chronic renal disease | 1.9 % |
| Chronic pulmonary disease | 15.5 % |
| Cerebrovascular degeneration | 7.3 % |
| Diabetes mellitus | 12.0 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| ORIGIN OF MEDICARE PATIENT ADMISSION: | |
|---|---|
| County/City | 80.5% |
| State | 17.3% |
| Outside State | 2.2% |
| Total | 100.0% |

| MEDICARE AVERAGE LENGTH OF STAY: | |
|---|---|
| Hospital | 6.8 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| PROFILE: | |
|---|---|
| Total Beds | 197 |
| Occupancy Rate | 84.0 % |
| Ownership/Control | Local Government |
| Medicare Discharges | 67.2 % |
| Case Mix Index (CMI) | 1.0598 |
| **STAFFING:** | |
| Total Number of Physicians | 13 |
| Percent of Physicians Board Certified Specialists | 61.5 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 17 |
| Licensed Practical Nurses | 22 |

** Except for CMI

| SPECIALTY SERVICES: | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |
| **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | Yes |

*** Not used in calculating mortality rates**

# EVERGREEN HOSPITAL INC

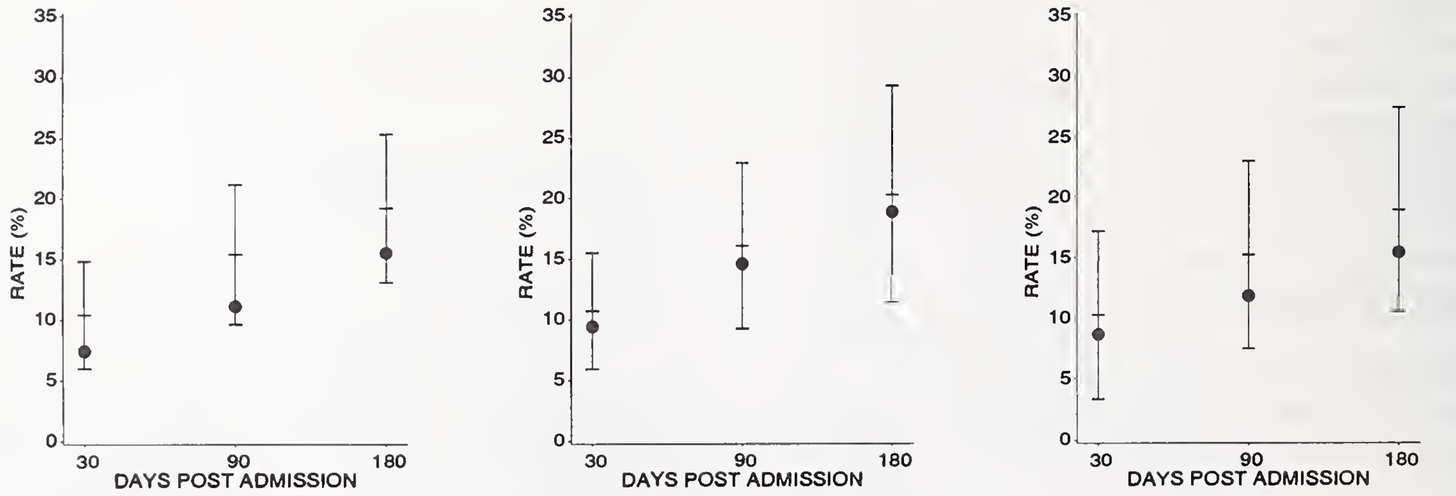
101 CRESTVIEW AVENUE
EVERGREEN, AL 36401
Medicare Provider Number: 010148

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 252 | 8.7 | 10.3 | 3.5 | 11.9 | 15.3 | 3.9 | 15.5 | 19.0 | 4.3 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 5 | 60.0 | 33.4 | ----- | 60.0 | 35.6 | ----- | 60.0 | 38.0 | ----- |
| Congestive Heart Failure | 16 | 18.8 | 13.5 | ----- | 31.3 | 21.4 | ----- | 31.3 | 27.3 | ----- |
| Pneumonia/Influenza | 26 | 15.4 | 15.9 | ----- | 19.2 | 22.3 | ----- | 30.8 | 26.6 | ----- |
| Chronic Obstructive Pulmonary Disease | 10 | 10.0 | 13.7 | ----- | 10.0 | 21.6 | ----- | 10.0 | 27.0 | ----- |
| Transient Cerebral Ischemia | 1 | 0.0 | 1.1 | ----- | 0.0 | 2.6 | ----- | 0.0 | 4.6 | ----- |
| Stroke | 12 | 33.3 | 26.2 | ----- | 58.3 | 33.3 | ----- | 58.3 | 37.7 | ----- |
| Hip Fracture | 1 | 0.0 | 26.4 | ----- | 0.0 | 42.4 | ----- | 0.0 | 49.7 | ----- |
| Sepsis | 6 | 33.3 | 19.3 | ----- | 33.3 | 26.3 | ----- | 33.3 | 31.0 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 0 | | | | | | | | | |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

# EVERGREEN HOSPITAL INC

Medicare Provider Number: 010148

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 76.1 years |
| Proportion female | 55.2 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 10.7 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.0 % |
| Admitted for emergency | 84.9 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 7.1 % |
| Chronic cardiovascular disease | 42.1 % |
| Chronic liver disease | 0.4 % |
| Chronic renal disease | 0.8 % |
| Chronic pulmonary disease | 31.0 % |
| Cerebrovascular degeneration | 4.4 % |
| Diabetes mellitus | 12.3 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 85.3% |
| State | 12.8% |
| Outside State | 1.9% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 5.7 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 44 |
| Occupancy Rate | 22.0 % |
| Ownership/Control | Private, For Profit |
| Medicare Discharges | (Not Available) |
| Case Mix Index (CMI) | 0.9381 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | (Not Available) |
| Percent of Physicians Board Certified Specialists | (Not Available) |
| Medical Residents/Interns | (Not Available) |
| Registered Nurses | (Not Available) |
| Licensed Practical Nurses | (Not Available) |

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# EYE FOUNDATION HOSPITAL

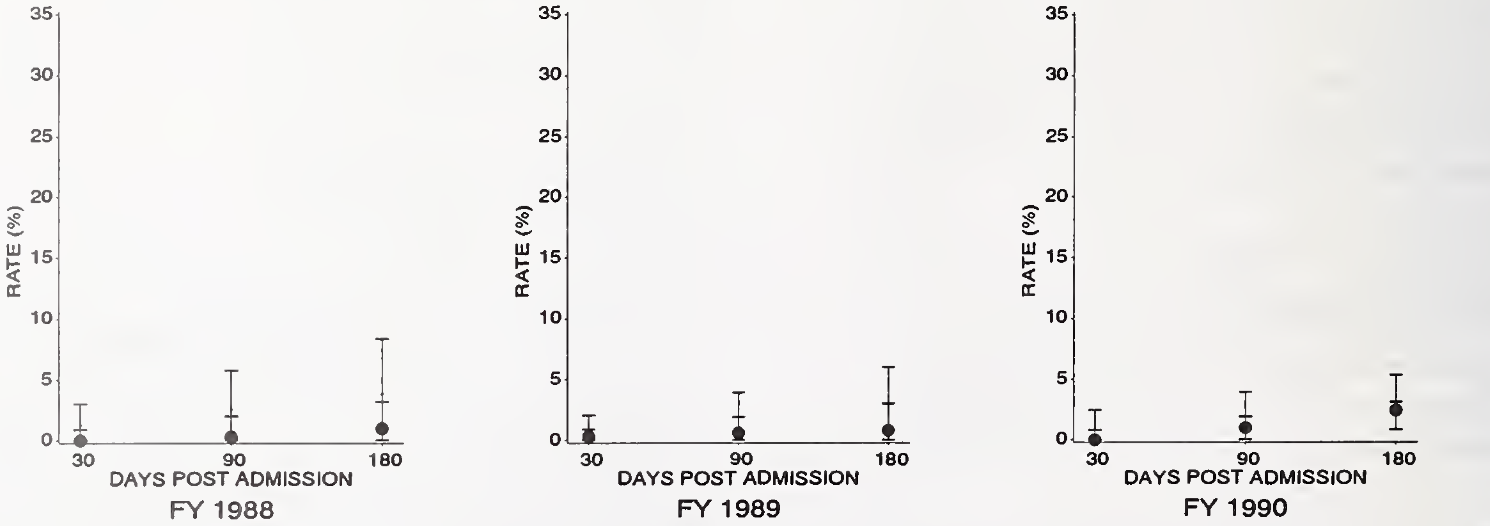
1720 UNIVERSITY BLVD
BIRMINGHAM, AL 35233
Medicare Provider Number: 010018

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 416 | 0.0 | 0.8 | 0.8 | 1.0 | 1.9 | 1.0 | 2.4 | 3.1 | 1.1 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 0 | | | | | | | | | |
| Congestive Heart Failure | 0 | | | | | | | | | |
| Pneumonia/Influenza | 0 | | | | | | | | | |
| Chronic Obstructive Pulmonary Disease | 0 | | | | | | | | | |
| Transient Cerebral Ischemia | 0 | | | | | | | | | |
| Stroke | 0 | | | | | | | | | |
| Hip Fracture | 0 | | | | | | | | | |
| Sepsis | 0 | | | | | | | | | |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 0 | | | | | | | | | |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# EYE FOUNDATION HOSPITAL

Medicare Provider Number: 010018

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| DEMOGRAPHICS: | |
|---|---|
| Average age at admission | 72.5 years |
| Proportion female | 60.6 % |
| **ADMISSION SOURCES/TYPES:** | |
| Referred by personal or HMO physician | 96.6 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 51.9 % |
| Admitted for emergency | 26.2 % |

| COMORBIDITIES: | |
|---|---|
| Cancer | 2.2 % |
| Chronic cardiovascular disease | 27.4 % |
| Chronic liver disease | 0.2 % |
| Chronic renal disease | 1.7 % |
| Chronic pulmonary disease | 9.6 % |
| Cerebrovascular degeneration | 1.0 % |
| Diabetes mellitus | 13.0 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| ORIGIN OF MEDICARE PATIENT ADMISSION: | |
|---|---|
| County/City | 35.8% |
| State | 59.4% |
| Outside State | 4.8% |
| Total | 100.0% |

| MEDICARE AVERAGE LENGTH OF STAY: | |
|---|---|
| Hospital | 1.9 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1991

| PROFILE: | |
|---|---|
| Total Beds | 106 |
| Ownership.Control | Private, Non-Profit |
| Case Mix Index (CMI) | 0.8944 |
| **STAFFING:** | |
| Medical Residents/Interns | 4 |
| Registered Nurses | 21 |
| Licensed Practical Nurses | 0 |

| SPECIALTY SERVICES: | |
|---|---|
| Burn Unit | No |
| Coronary Care Unit | No |
| Hospice Care | No |
| Intensive Care Unit | No |
| Organ Transplant | No |
| Trauma Center | No |
| **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# FAYETTE COUNTY HOSPITAL

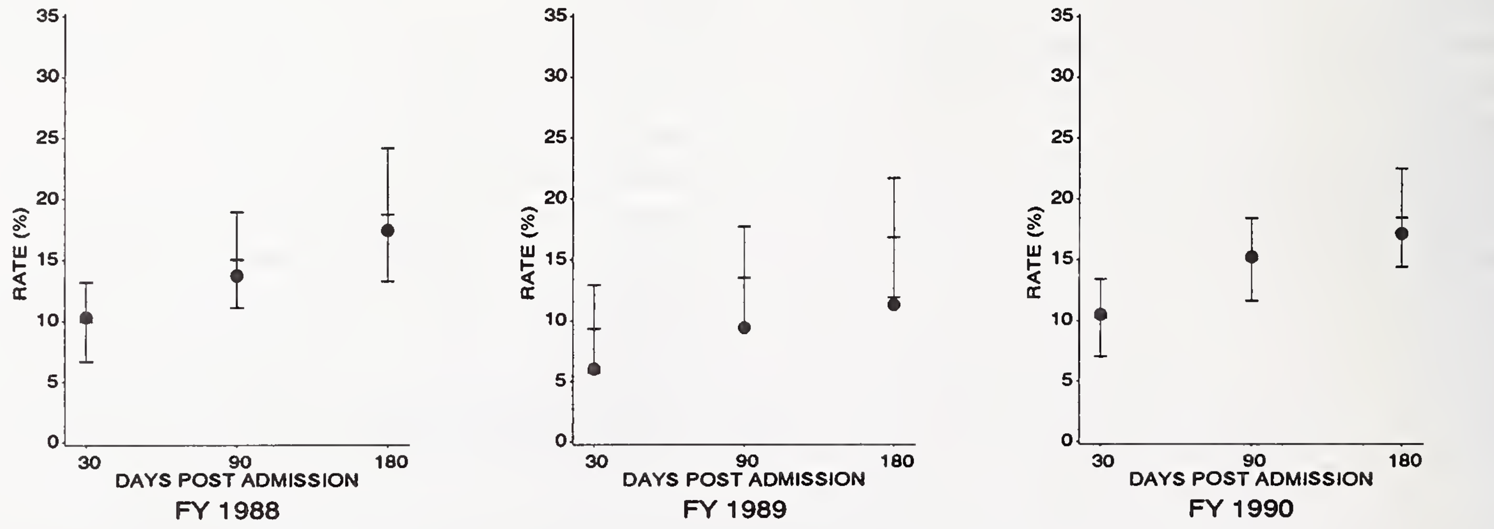
1653 TEMPLE AV N BOX 878
FAYETTE, AL 35555
Medicare Provider Number: 010045

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 468 | 10.5 | 10.2 | 1.6 | 15.2 | 15.0 | 1.7 | 17.1 | 18.4 | 2.0 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 14 | 28.6 | 30.9 | ----- | 28.6 | 33.2 | ----- | 42.9 | 35.5 | ----- |
| Congestive Heart Failure | 24 | 12.5 | 13.9 | ----- | 25.0 | 22.5 | ----- | 29.2 | 28.9 | ----- |
| Pneumonia/Influenza | 38 | 15.8 | 13.7 | ----- | 18.4 | 18.8 | ----- | 18.4 | 22.1 | ----- |
| Chronic Obstructive Pulmonary Disease | 16 | 12.5 | 8.2 | ----- | 12.5 | 14.8 | ----- | 12.5 | 20.0 | ----- |
| Transient Cerebral Ischemia | 8 | 12.5 | 1.0 | ----- | 12.5 | 2.4 | ----- | 12.5 | 4.2 | ----- |
| Stroke | 23 | 30.4 | 24.1 | ----- | 34.8 | 30.6 | ----- | 43.5 | 34.2 | ----- |
| Hip Fracture | 0 | | | | | | | | | |
| Sepsis | 3 | 0.0 | 27.7 | ----- | 0.0 | 33.2 | ----- | 0.0 | 36.3 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 9 | 0.0 | 1.7 | ----- | 0.0 | 2.9 | ----- | 0.0 | 3.7 | ----- |
| Hysterectomy | 1 | 0.0 | 0.0 | ----- | 0.0 | 0.0 | ----- | 0.0 | 0.0 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

# FAYETTE COUNTY HOSPITAL

Medicare Provider Number: 010045

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | | | |
|---|---|---|---|
| DEMOGRAPHICS: | | COMORBIDITIES: | |
| Average age at admission | 75.2 years | Cancer | 6.0 % |
| Proportion female | 57.1 % | Chronic cardiovascular disease | 38.7 % |
| ADMISSION SOURCES/TYPES: | | Chronic liver disease | 0.2 % |
| Referred by personal or HMO physician | 46.6 % | Chronic renal disease | 1.9 % |
| Transferred from skilled nursing facility | 0.4 % | Chronic pulmonary disease | 9.0 % |
| Admitted for elective procedure | 0.0 % | Cerebrovascular degeneration | 3.6 % |
| Admitted for emergency | 98.1 % | Diabetes mellitus | 9.6 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | | | |
|---|---|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | | MEDICARE AVERAGE LENGTH OF STAY: | |
| County/City | 72.8% | Hospital | 6.4 Days |
| State | 25.6% | State | 7.9 Days |
| Outside State | 1.6% | National | 8.6 Days |
| Total | 100.0% | | |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | | | |
|---|---|---|---|
| PROFILE: | | SPECIALTY SERVICES: | |
| Total Beds | 162 | Burn Unit | No |
| Occupancy Rate | 74.0 % | Cardiac Intensive Care | No |
| Ownership/Control | District/Authority | Comprehensive Geriatric | No |
| Medicare Discharges | (Not Available) | Hospice Care | No |
| Case Mix Index (CMI) | 1.0610 | Medical/Surgical Intensive Care | Yes |
| STAFFING: | | Organ/Tissue Transplant | No |
| Total Number of Physicians | 7 | Other Intensive Care | No |
| Percent of Physicians Board Certified Specialists | 85.7 % | Trauma Center | No |
| Medical Residents/Interns | 0 | OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| Registered Nurses | 25 | Alcohol/Drug | No |
| Licensed Practical Nurses | 17 | Rehabilitation | No |
| | | Psychiatric | No |
| | | Medicare Swing Beds | Yes |

** Except for CMI

* Not used in calculating mortality rates

# FLORALA MEMORIAL HOSPITAL

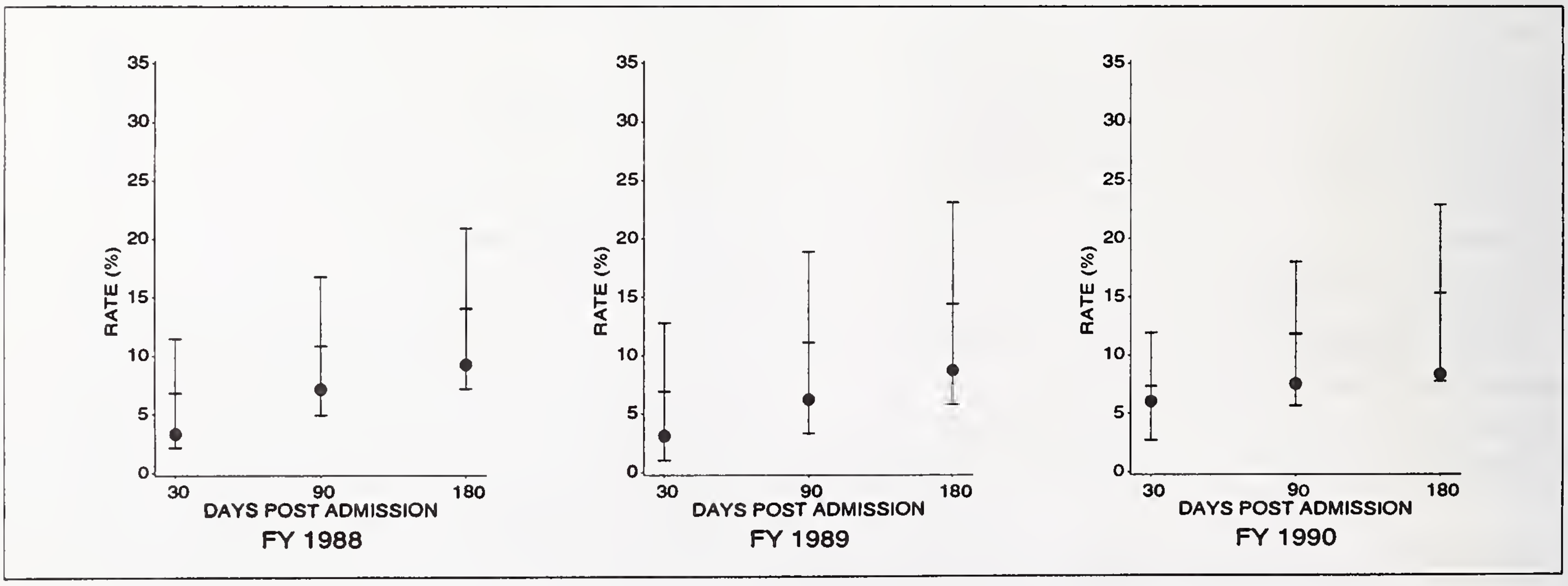
515 E 5TH AV
FLORALA, AL 36442
Medicare Provider Number: 010066

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 133 | 6.0 | 7.3 | 2.3 | 7.5 | 11.8 | 3.1 | 8.3 | 15.3 | 3.8 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 1 | 100.0 | 34.4 | ----- | 100.0 | 37.3 | ----- | 100.0 | 41.5 | ----- |
| Congestive Heart Failure | 4 | 0.0 | 14.3 | ----- | 0.0 | 22.7 | ----- | 25.0 | 29.2 | ----- |
| Pneumonia/Influenza | 9 | 11.1 | 16.6 | ----- | 11.1 | 23.7 | ----- | 11.1 | 28.1 | ----- |
| Chronic Obstructive Pulmonary Disease | 7 | 0.0 | 13.1 | ----- | 0.0 | 22.6 | ----- | 0.0 | 29.4 | ----- |
| Transient Cerebral Ischemia | 2 | 0.0 | 2.5 | ----- | 0.0 | 6.1 | ----- | 0.0 | 10.1 | ----- |
| Stroke | 1 | 100.0 | 23.2 | ----- | 100.0 | 30.7 | ----- | 100.0 | 34.1 | ----- |
| Hip Fracture | 0 | | | | | | | | | |
| Sepsis | 0 | | | | | | | | | |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 1 | 0.0 | 0.5 | ----- | 0.0 | 1.0 | ----- | 0.0 | 1.6 | ----- |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# FLORALA MEMORIAL HOSPITAL

Medicare Provider Number: 010066

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 74.5 years |
| Proportion female | 60.9 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 25.6 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 24.8 % |
| Admitted for emergency | 63.2 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 3.0 % |
| Chronic cardiovascular disease | 27.1 % |
| Chronic liver disease | 0.0 % |
| Chronic renal disease | 9.0 % |
| Chronic pulmonary disease | 70.7 % |
| Cerebrovascular degeneration | 2.3 % |
| Diabetes mellitus | 13.5 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 64.2% |
| State | 3.9% |
| Outside State | 31.9% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 4.3 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 23 |
| Occupancy Rate | 21.0 % |
| Ownership/Control | Private, For Profit |
| Medicare Discharges | (Not Available) |
| Case Mix Index (CMI) | 0.9162 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | (Not Available) |
| Percent of Physicians Board Certified Specialists | (Not Available) |
| Medical Residents/Interns | (Not Available) |
| Registered Nurses | (Not Available) |
| Licensed Practical Nurses | (Not Available) |

** Except for CMI

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | No |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

*** Not used in calculating mortality rates**

# FLOWERS HOSPITAL INC

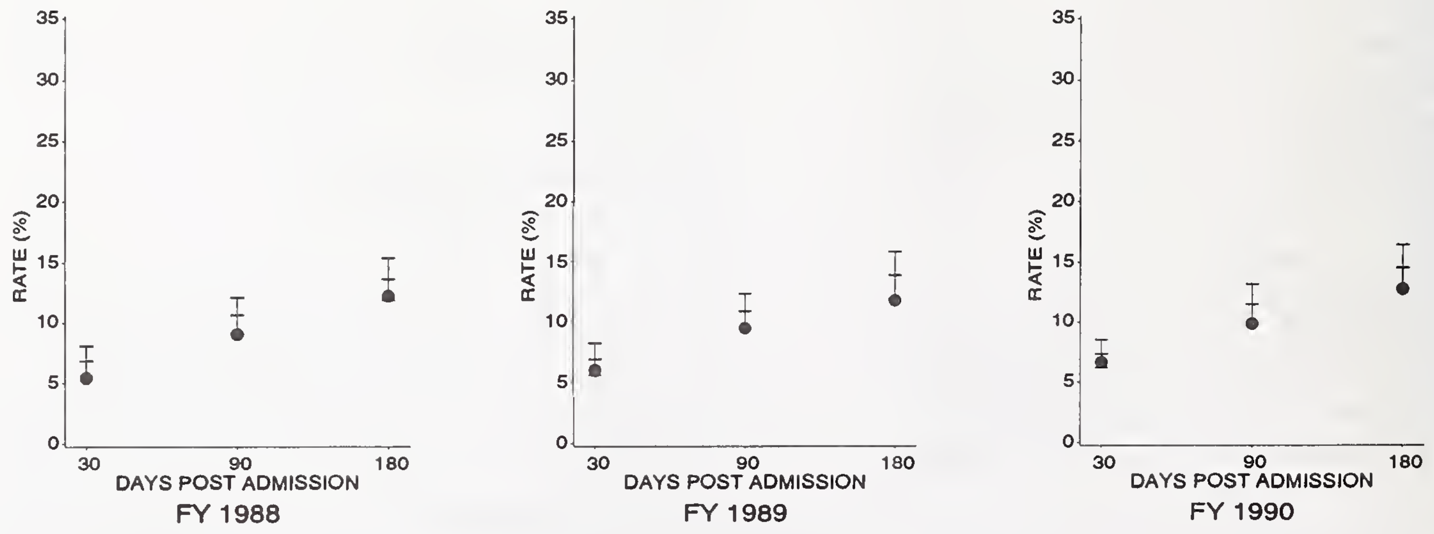
3228 W MAIN ST BOX 6907
DOTHAN, AL 36301
Medicare Provider Number: 010055

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 2773 | 6.6 | 7.3 | 0.6 | 9.8 | 11.4 | 0.9 | 12.7 | 14.5 | 1.0 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 91 | 22.0 | 23.7 | 5.2 | 23.1 | 26.2 | 6.2 | 23.1 | 28.8 | 7.6 |
| Congestive Heart Failure | 125 | 14.4 | 12.5 | 4.4 | 23.2 | 20.9 | 6.7 | 31.2 | 27.3 | 6.4 |
| Pneumonia/Influenza | 82 | 6.1 | 13.3 | 5.6 | 8.5 | 18.8 | 6.6 | 13.4 | 22.6 | 6.9 |
| Chronic Obstructive Pulmonary Disease | 64 | 1.6 | 6.2 | 4.2 | 4.7 | 11.9 | 5.9 | 9.4 | 16.5 | 6.3 |
| Transient Cerebral Ischemia | 46 | 2.2 | 1.5 | ----- | 4.3 | 3.2 | ----- | 8.7 | 5.2 | ----- |
| Stroke | 97 | 18.6 | 16.5 | 3.9 | 20.6 | 22.2 | 4.3 | 22.7 | 25.8 | 4.8 |
| Hip Fracture | 85 | 8.2 | 6.6 | 3.3 | 10.6 | 11.4 | 3.9 | 12.9 | 14.7 | 4.1 |
| Sepsis | 14 | 21.4 | 16.8 | ----- | 28.6 | 25.0 | ----- | 28.6 | 29.0 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 61 | 4.9 | 5.0 | 2.8 | 6.6 | 5.9 | 3.1 | 8.2 | 6.7 | 3.9 |
| Coronary Artery Bypass Graft | 36 | 11.1 | 5.9 | ----- | 13.9 | 7.8 | ----- | 13.9 | 8.6 | ----- |
| Initial Pacemaker Insertion | 18 | 5.6 | 1.4 | ----- | 11.1 | 2.9 | ----- | 11.1 | 4.6 | ----- |
| Carotid Endarterectomy | 10 | 0.0 | 1.7 | ----- | 0.0 | 3.1 | ----- | 0.0 | 4.5 | ----- |
| Hip Replacement/Reconstruction | 64 | 6.3 | 2.7 | 3.5 | 6.3 | 4.8 | 3.2 | 6.3 | 6.4 | 3.2 |
| Open Reduction of Hip Fracture | 55 | 7.3 | 6.2 | 3.5 | 10.9 | 11.1 | 5.1 | 12.7 | 14.5 | 5.0 |
| Prostatectomy | 82 | 2.4 | 1.3 | 2.5 | 4.9 | 2.9 | 3.1 | 6.1 | 4.8 | 4.2 |
| Cholecystectomy | 48 | 0.0 | 1.7 | ----- | 0.0 | 3.1 | ----- | 0.0 | 4.2 | ----- |
| Hysterectomy | 16 | 0.0 | 0.4 | ----- | 0.0 | 0.7 | ----- | 0.0 | 1.2 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# FLOWERS HOSPITAL INC

Medicare Provider Number: 010055

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | | | |
|---|---|---|---|
| DEMOGRAPHICS: | | COMORBIDITIES: | |
| Average age at admission | 73.3 years | Cancer | 5.3 % |
| Proportion female | 54.7 % | Chronic cardiovascular disease | 44.6 % |
| ADMISSION SOURCES/TYPES: | | Chronic liver disease | 0.7 % |
| Referred by personal or HMO physician | 96.2 % | Chronic renal disease | 3.1 % |
| Transferred from skilled nursing facility | 0.0 % | Chronic pulmonary disease | 19.7 % |
| Admitted for elective procedure | 30.0 % | Cerebrovascular degeneration | 3.6 % |
| Admitted for emergency | 62.7 % | Diabetes mellitus | 8.3 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | | | |
|---|---|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | | MEDICARE AVERAGE LENGTH OF STAY: | |
| County/City | 27.0% | Hospital | 7.9 Days |
| State | 50.5% | State | 7.9 Days |
| Outside State | 22.5% | National | 8.6 Days |
| Total | 100.0% | | |

## HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1991

| | | | |
|---|---|---|---|
| PROFILE: | | SPECIALTY SERVICES: | |
| Total Beds | 215 | Burn Unit | No |
| Ownership/Control | Private, For Profit | Coronary Care Unit | Yes |
| Case Mix Index (CMI) | 1.3306 | Hospice Care | No |
| STAFFING: | | Intensive Care Unit | Yes |
| Medical Residents/Interns | 13 | Organ Transplant | No |
| Registered Nurses | 309 | Trauma Center | No |
| Licensed Practical Nurses | 146 | OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| | | Alcohol/Drug | No |
| | | Rehabilitation | No |
| | | Psychiatric | No |
| | | Medicare Swing Beds | No |

** Except for CMI

* Not used in calculating mortality rates

# GEORGE H LANIER MEMORIAL HOSPITAL

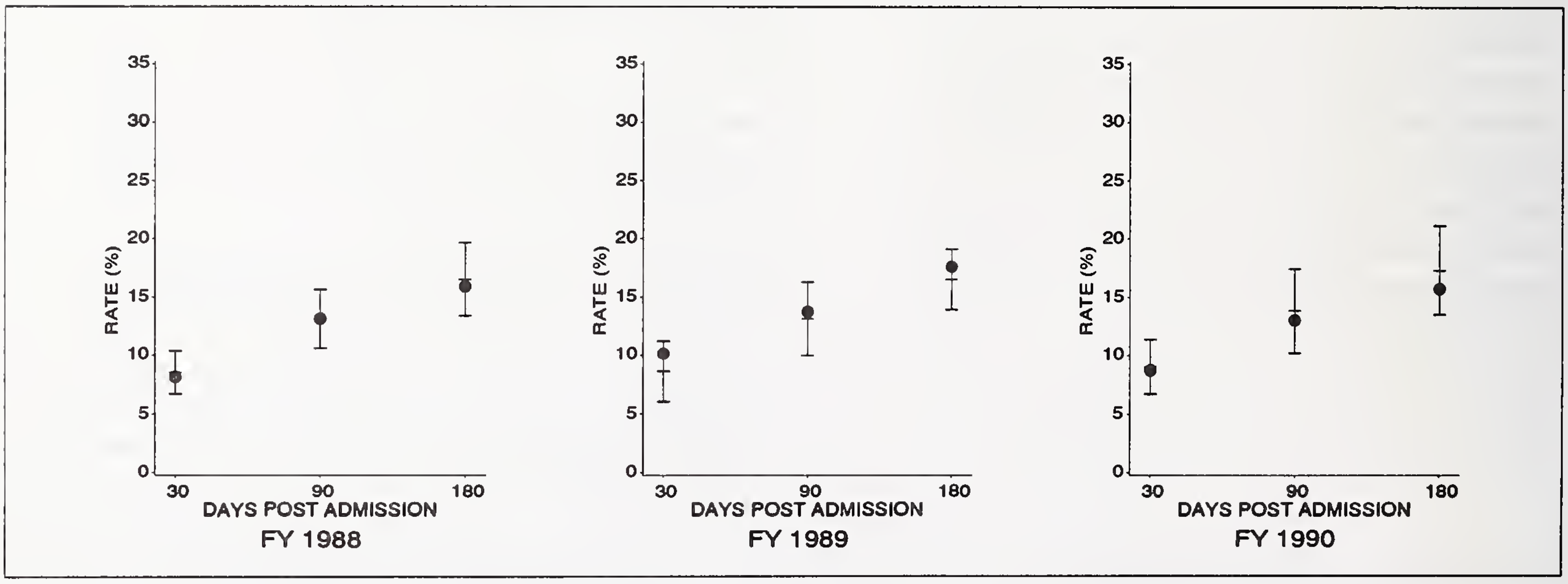
4800 48TH ST
VALLEY, AL 36854
Medicare Provider Number: 010025

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 1116 | 8.7 | 9.0 | 1.2 | 13.0 | 13.8 | 1.8 | 15.7 | 17.3 | 1.9 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 24 | 37.5 | 25.6 | ----- | 37.5 | 28.8 | ----- | 37.5 | 31.6 | ----- |
| Congestive Heart Failure | 59 | 8.5 | 13.3 | 7.3 | 15.3 | 21.3 | 8.4 | 20.3 | 27.2 | 9.0 |
| Pneumonia/Influenza | 56 | 14.3 | 13.9 | 4.8 | 25.0 | 19.4 | 7.2 | 26.8 | 23.2 | 7.3 |
| Chronic Obstructive Pulmonary Disease | 19 | 5.3 | 4.3 | ----- | 10.5 | 8.1 | ----- | 10.5 | 11.1 | ----- |
| Transient Cerebral Ischemia | 29 | 6.9 | 1.8 | ----- | 10.3 | 4.1 | ----- | 10.3 | 6.5 | ----- |
| Stroke | 50 | 22.0 | 21.8 | ----- | 28.0 | 29.2 | ----- | 36.0 | 33.6 | ----- |
| Hip Fracture | 21 | 9.5 | 6.2 | ----- | 14.3 | 10.3 | ----- | 19.0 | 13.3 | ----- |
| Sepsis | 33 | 30.3 | 21.7 | ----- | 33.3 | 28.6 | ----- | 39.4 | 32.5 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 13 | 7.7 | 3.8 | ----- | 7.7 | 7.8 | ----- | 7.7 | 11.7 | ----- |
| Carotid Endarterectomy | 7 | 0.0 | 1.7 | ----- | 0.0 | 3.3 | ----- | 0.0 | 4.6 | ----- |
| Hip Replacement/Reconstruction | 15 | 0.0 | 3.7 | ----- | 0.0 | 6.3 | ----- | 0.0 | 8.3 | ----- |
| Open Reduction of Hip Fracture | 8 | 12.5 | 6.4 | ----- | 12.5 | 11.1 | ----- | 25.0 | 14.1 | ----- |
| Prostatectomy | 24 | 0.0 | 2.0 | ----- | 4.2 | 3.9 | ----- | 4.2 | 6.1 | ----- |
| Cholecystectomy | 23 | 4.3 | 1.8 | ----- | 13.0 | 3.5 | ----- | 13.0 | 4.7 | ----- |
| Hysterectomy | 10 | 0.0 | 0.3 | ----- | 0.0 | 0.7 | ----- | 0.0 | 1.2 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# GEORGE H LANIER MEMORIAL HOSPITAL
Medicare Provider Number: 010025

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | | | |
|---|---|---|---|
| DEMOGRAPHICS: | | COMORBIDITIES: | |
| Average age at admission | 74.5 years | Cancer | 5.9 % |
| Proportion female | 59.2 % | Chronic cardiovascular disease | 41.1 % |
| ADMISSION SOURCES/TYPES: | | Chronic liver disease | 1.2 % |
| Referred by personal or HMO physician | 41.8 % | Chronic renal disease | 3.8 % |
| Transferred from skilled nursing facility | 0.0 % | Chronic pulmonary disease | 20.3 % |
| Admitted for elective procedure | 20.3 % | Cerebrovascular degeneration | 6.5 % |
| Admitted for emergency | 51.1 % | Diabetes mellitus | 7.7 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | | | |
|---|---|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | | MEDICARE AVERAGE LENGTH OF STAY: | |
| County/City | 83.1% | Hospital | 7.3 Days |
| State | 4.0% | State | 7.9 Days |
| Outside State | 12.9% | National | 8.6 Days |
| Total | 100.0% | | |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | | | |
|---|---|---|---|
| PROFILE: | | SPECIALTY SERVICES: | |
| Total Beds | 159 | Burn Unit | No |
| Occupancy Rate | 79.0 % | Cardiac Intensive Care | No |
| Ownership.Control | Private, Non-Profit | Comprehensive Geriatric | No |
| Medicare Discharges | 39.1 % | Hospice Care | No |
| Case Mix Index (CMI) | 1.2264 | Medical/Surgical Intensive Care | Yes |
| STAFFING: | | Organ/Tissue Transplant | No |
| Total Number of Physicians | 27 | Other Intensive Care | No |
| Percent of Physicians Board Certified Specialists | 70.4 % | Trauma Center | No |
| | | OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| Medical Residents/Interns | 0 | Alcohol/Drug | No |
| Registered Nurses | 65 | Rehabilitation | No |
| Licensed Practical Nurses | 31 | Psychiatric | No |
| | | Medicare Swing Beds | Yes |

** Except for CMI

*** Not used in calculating mortality rates**

# GEORGIANA DOCTORS HOSPITAL

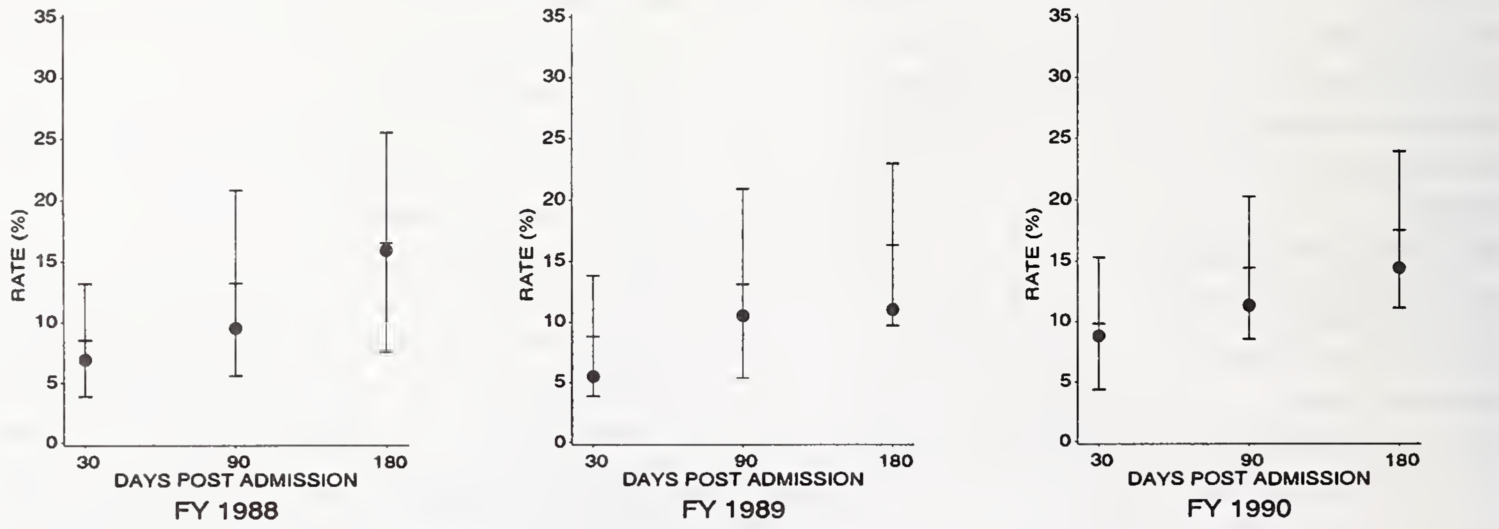
JONES MIRANDA STS BOX 548
GEORGIANA, AL 36033
Medicare Provider Number: 010047

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | PRED | SD* | 90 DAYS OBS | PRED | SD* | 180 DAYS OBS | PRED | SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 194 | 8.8 | 9.8 | 2.7 | 11.3 | 14.4 | 2.9 | 14.4 | 17.5 | 3.2 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 7 | 28.6 | 21.1 | ----- | 28.6 | 23.4 | ----- | 28.6 | 25.9 | ----- |
| Congestive Heart Failure | 3 | 0.0 | 15.2 | ----- | 0.0 | 24.0 | ----- | 0.0 | 31.3 | ----- |
| Pneumonia/Influenza | 15 | 6.7 | 16.6 | ----- | 6.7 | 23.0 | ----- | 20.0 | 26.3 | ----- |
| Chronic Obstructive Pulmonary Disease | 8 | 12.5 | 9.1 | ----- | 12.5 | 17.1 | ----- | 25.0 | 22.5 | ----- |
| Transient Cerebral Ischemia | 1 | 0.0 | 1.7 | ----- | 0.0 | 4.1 | ----- | 0.0 | 6.8 | ----- |
| Stroke | 7 | 42.9 | 29.2 | ----- | 42.9 | 34.8 | ----- | 42.9 | 38.2 | ----- |
| Hip Fracture | 0 | | | | | | | | | |
| Sepsis | 4 | 50.0 | 46.3 | ----- | 100.0 | 56.2 | ----- | 100.0 | 60.9 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 4 | 0.0 | 1.4 | ----- | 0.0 | 2.6 | ----- | 0.0 | 3.7 | ----- |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

# GEORGIANA DOCTORS HOSPITAL

Medicare Provider Number: 010047

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 75.4 years |
| Proportion female | 59.8 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 1.0 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.0 % |
| Admitted for emergency | 93.8 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 5.2 % |
| Chronic cardiovascular disease | 20.6 % |
| Chronic liver disease | 0.5 % |
| Chronic renal disease | 0.5 % |
| Chronic pulmonary disease | 8.8 % |
| Cerebrovascular degeneration | 5.7 % |
| Diabetes mellitus | 3.1 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 73.4% |
| State | 25.2% |
| Outside State | 1.4% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 7.1 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 22 |
| Occupancy Rate | 45.0 % |
| Ownership/Control | Private, For Profit |
| Medicare Discharges | (Not Available) |
| Case Mix Index (CMI) | 0.8856 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | (Not Available) |
| Percent of Physicians Board Certified Specialists | (Not Available) |
| Medical Residents/Interns | (Not Available) |
| Registered Nurses | (Not Available) |
| Licensed Practical Nurses | (Not Available) |

** Except for CMI

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | No |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

*** Not used in calculating mortality rates**

# GREENE COUNTY HOSPITAL

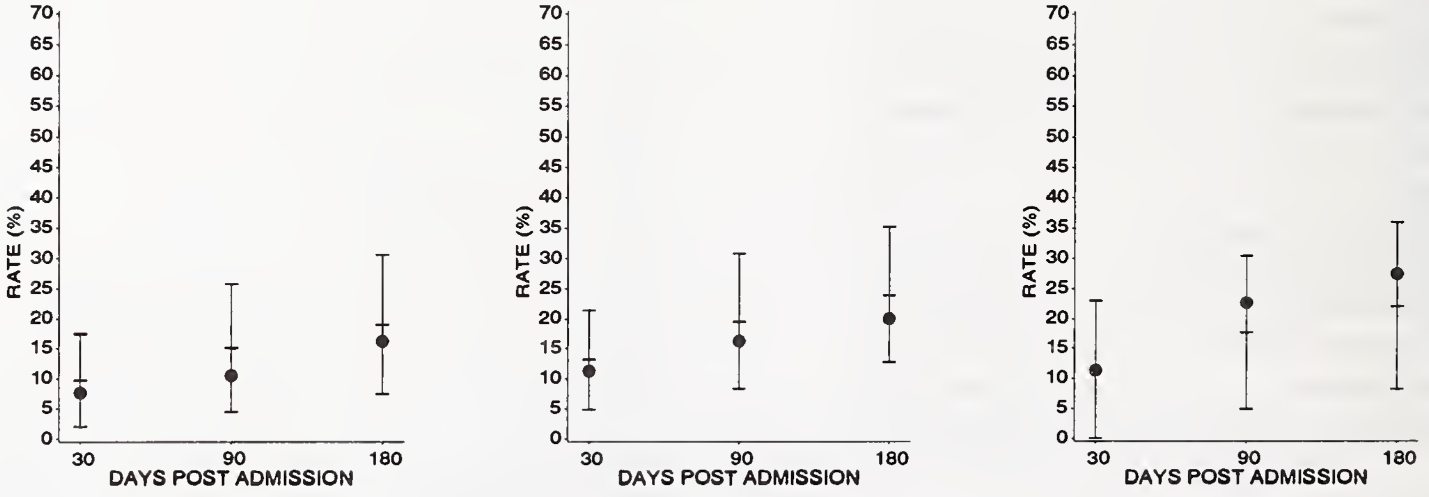
509 WILSON AVE
EUTAW, AL 35462
Medicare Provider Number: 010051

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 62 | 11.3 | 11.2 | 5.9 | 22.6 | 17.6 | 6.4 | 27.4 | 22.0 | 6.9 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 0 | | | | | | | | | |
| Congestive Heart Failure | 2 | 0.0 | 7.5 | ----- | 0.0 | 12.7 | ----- | 0.0 | 18.3 | ----- |
| Pneumonia/Influenza | 12 | 16.7 | 15.8 | ----- | 25.0 | 21.4 | ----- | 33.3 | 25.4 | ----- |
| Chronic Obstructive Pulmonary Disease | 1 | 0.0 | 4.0 | ----- | 0.0 | 6.8 | ----- | 0.0 | 9.2 | ----- |
| Transient Cerebral Ischemia | 1 | 0.0 | 1.1 | ----- | 0.0 | 2.7 | ----- | 0.0 | 4.4 | ----- |
| Stroke | 1 | 0.0 | 19.8 | ----- | 0.0 | 26.3 | ----- | 0.0 | 31.7 | ----- |
| Hip Fracture | 0 | | | | | | | | | |
| Sepsis | 2 | 0.0 | 21.5 | ----- | 0.0 | 26.7 | ----- | 0.0 | 31.0 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 0 | | | | | | | | | |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

# GREENE COUNTY HOSPITAL

Medicare Provider Number: 010051

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 78.7 years |
| Proportion female | 71.0 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 82.3 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.0 % |
| Admitted for emergency | 67.7 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 4.8 % |
| Chronic cardiovascular disease | 24.2 % |
| Chronic liver disease | 0.0 % |
| Chronic renal disease | 4.8 % |
| Chronic pulmonary disease | 3.2 % |
| Cerebrovascular degeneration | 8.1 % |
| Diabetes mellitus | 19.4 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 79.4% |
| State | 19.6% |
| Outside State | 1.0% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 6.5 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1991

PROFILE:

| | |
|---|---|
| Total Beds | 20 |
| Ownership.Control | Private, Non-Profit |
| Case Mix Index (CMI) | 0.9934 |

STAFFING:

| | |
|---|---|
| Medical Residents/Interns | 0 |
| Registered Nurses | 7 |
| Licensed Practical Nurses | 7 |

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Coronary Care Unit | No |
| Hospice Care | No |
| Intensive Care Unit | No |
| Organ Transplant | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | Yes |

** Except for CMI

*** Not used in calculating mortality rates**

# GROVE HILL MEMORIAL HOSPITAL

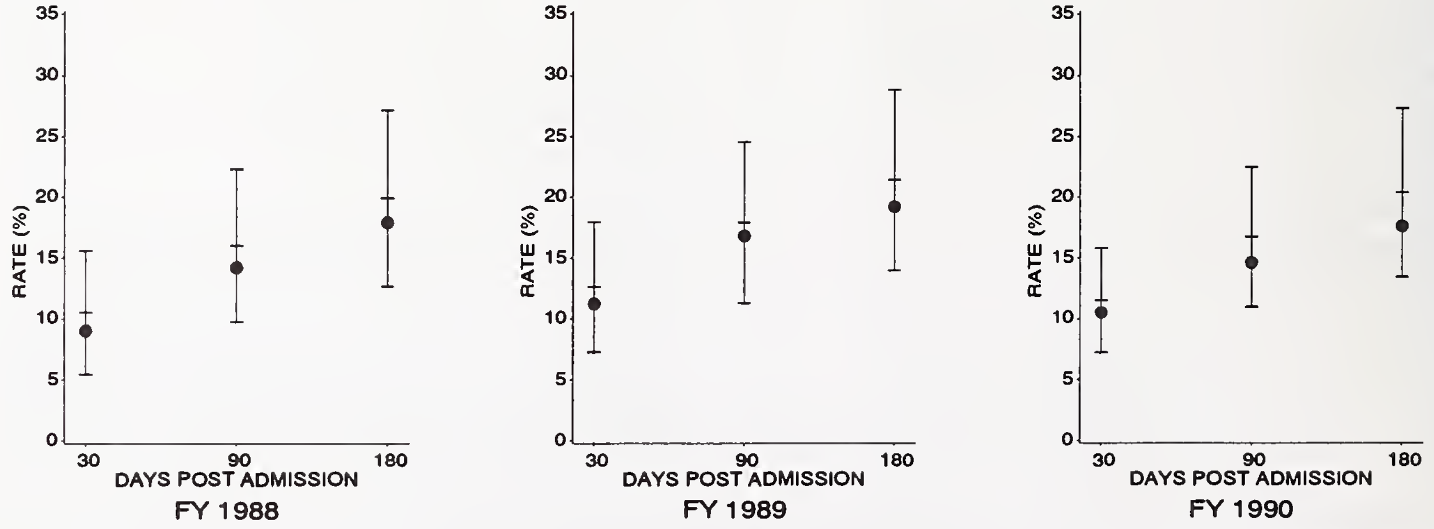
295 S JACKSON ST BOX 935
GROVE HILL, AL 36451
Medicare Provider Number: 010091

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | PRED | SD* | 90 DAYS OBS | PRED | SD* | 180 DAYS OBS | PRED | SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 267 | 10.5 | 11.5 | 2.2 | 14.6 | 16.7 | 2.9 | 17.6 | 20.4 | 3.5 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 8 | 37.5 | 30.6 | ----- | 37.5 | 32.8 | ----- | 37.5 | 35.5 | ----- |
| Congestive Heart Failure | 18 | 11.1 | 17.8 | ----- | 16.7 | 27.2 | ----- | 16.7 | 33.6 | ----- |
| Pneumonia/Influenza | 35 | 17.1 | 15.5 | ----- | 28.6 | 20.8 | ----- | 31.4 | 24.4 | ----- |
| Chronic Obstructive Pulmonary Disease | 6 | 0.0 | 6.8 | ----- | 0.0 | 11.7 | ----- | 0.0 | 15.6 | ----- |
| Transient Cerebral Ischemia | 5 | 0.0 | 1.6 | ----- | 0.0 | 3.8 | ----- | 0.0 | 6.5 | ----- |
| Stroke | 9 | 11.1 | 26.7 | ----- | 11.1 | 32.0 | ----- | 22.2 | 35.9 | ----- |
| Hip Fracture | 0 | | | | | | | | | |
| Sepsis | 5 | 20.0 | 19.9 | ----- | 20.0 | 27.9 | ----- | 20.0 | 32.3 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 5 | 0.0 | 1.2 | ----- | 0.0 | 2.4 | ----- | 0.0 | 3.3 | ----- |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# GROVE HILL MEMORIAL HOSPITAL

Medicare Provider Number: 010091

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 75.2 years |
| Proportion female | 56.2 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 24.7 % |
| Transferred from skilled nursing facility | 0.4 % |
| Admitted for elective procedure | 0.0 % |
| Admitted for emergency | 80.1 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 5.6 % |
| Chronic cardiovascular disease | 43.8 % |
| Chronic liver disease | 0.4 % |
| Chronic renal disease | 2.2 % |
| Chronic pulmonary disease | 22.8 % |
| Cerebrovascular degeneration | 5.6 % |
| Diabetes mellitus | 8.6 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 88.4% |
| State | 10.4% |
| Outside State | 1.2% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 5.6 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 46 |
| Occupancy Rate | 28.0 % |
| Ownership/Control | Local Government |
| Medicare Discharges | 40.5 % |
| Case Mix Index (CMI) | 1.0044 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | 6 |
| Percent of Physicians Board Certified Specialists | 33.3 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 9 |
| Licensed Practical Nurses | 17 |

** Except for CMI

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | No |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

*** Not used in calculating mortality rates**

# GUNTERSVILLE HOSPITAL

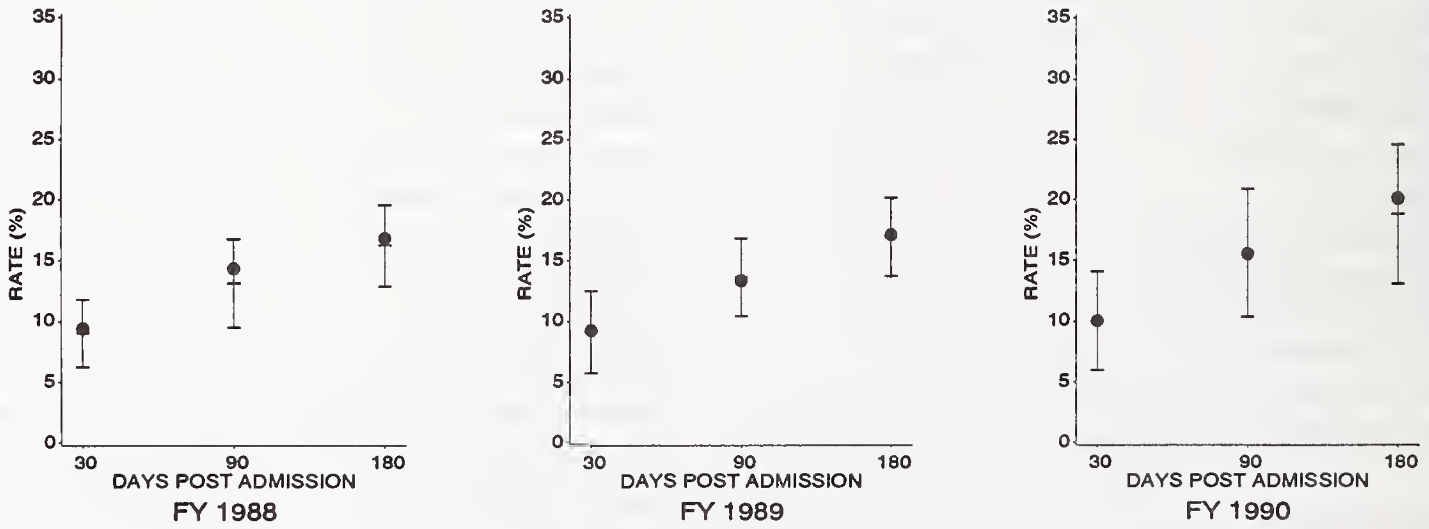
2067 GUNTER AVE BOX 340
GUNTERSVILLE, AL 35976
Medicare Provider Number: 010028

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 219 | 10.0 | 10.0 | 2.0 | 15.5 | 15.6 | 2.6 | 20.1 | 18.8 | 2.9 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 3 | 33.3 | 21.6 | ----- | 33.3 | 24.0 | ----- | 33.3 | 26.0 | ----- |
| Congestive Heart Failure | 11 | 9.1 | 15.2 | ----- | 18.2 | 25.2 | ----- | 27.3 | 30.7 | ----- |
| Pneumonia/Influenza | 21 | 28.6 | 14.7 | ----- | 33.3 | 20.2 | ----- | 33.3 | 23.1 | ----- |
| Chronic Obstructive Pulmonary Disease | 6 | 16.7 | 8.4 | ----- | 16.7 | 14.0 | ----- | 16.7 | 17.5 | ----- |
| Transient Cerebral Ischemia | 5 | 0.0 | 2.1 | ----- | 20.0 | 4.5 | ----- | 20.0 | 6.7 | ----- |
| Stroke | 7 | 28.6 | 13.4 | ----- | 71.4 | 20.5 | ----- | 71.4 | 23.9 | ----- |
| Hip Fracture | 5 | 20.0 | 7.2 | ----- | 40.0 | 12.5 | ----- | 40.0 | 15.5 | ----- |
| Sepsis | 3 | 66.7 | 20.7 | ----- | 66.7 | 29.8 | ----- | 66.7 | 34.1 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 5 | 20.0 | 5.0 | ----- | 20.0 | 8.7 | ----- | 20.0 | 10.6 | ----- |
| Open Reduction of Hip Fracture | 2 | 0.0 | 4.4 | ----- | 50.0 | 8.9 | ----- | 50.0 | 12.1 | ----- |
| Prostatectomy | 4 | 0.0 | 2.0 | ----- | 0.0 | 4.5 | ----- | 25.0 | 7.1 | ----- |
| Cholecystectomy | 4 | 0.0 | 3.2 | ----- | 0.0 | 6.2 | ----- | 0.0 | 8.3 | ----- |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# GUNTERSVILLE HOSPITAL
Medicare Provider Number: 010028

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 74.7 years |
| Proportion female | 61.2 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 63.0 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 5.5 % |
| Admitted for emergency | 36.1 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 1.8 % |
| Chronic cardiovascular disease | 49.3 % |
| Chronic liver disease | 0.9 % |
| Chronic renal disease | 1.4 % |
| Chronic pulmonary disease | 31.1 % |
| Cerebrovascular degeneration | 0.5 % |
| Diabetes mellitus | 4.6 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 89.8% |
| State | 8.2% |
| Outside State | 2.0% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 6.5 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1989

PROFILE:

| | |
|---|---|
| Total Beds | 58 |
| Ownership/Control | Local Government |
| Case Mix Index (CMI) | 1.1262 |

STAFFING:

| | |
|---|---|
| Medical Residents/Interns | 0 |
| Registered Nurses | 23 |
| Licensed Practical Nurses | 15 |

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Coronary Care Unit | Yes |
| Hospice Care | No |
| Intensive Care Unit | No |
| Organ Transplant | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

---

*** Not used in calculating mortality rates**

# GUNTERSVILLE-ARAB MEDICAL CENTER

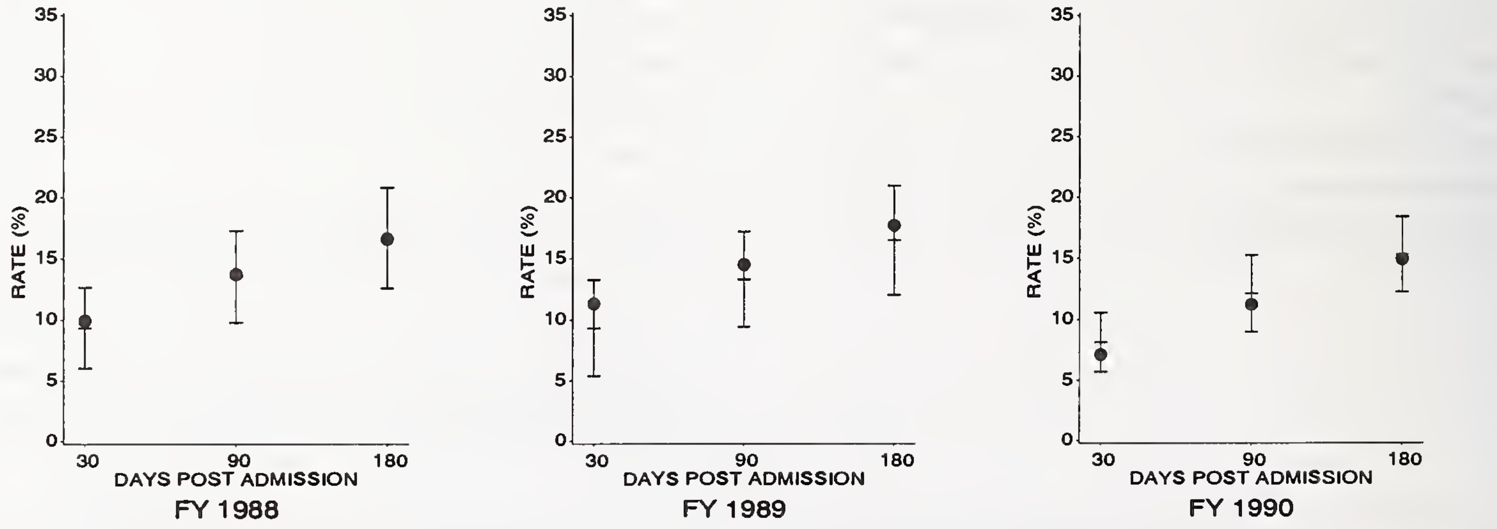
RT 3, HWY 69, BOX 640
GUNTERSVILLE, AL 35976
Medicare Provider Number: 010010

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 807 | 7.1 | 8.1 | 1.2 | 11.2 | 12.1 | 1.6 | 14.9 | 15.3 | 1.5 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 22 | 27.3 | 29.2 | ----- | 31.8 | 32.0 | ----- | 40.9 | 34.8 | ----- |
| Congestive Heart Failure | 50 | 10.0 | 12.8 | ----- | 22.0 | 19.8 | ----- | 30.0 | 25.7 | ----- |
| Pneumonia/Influenza | 42 | 11.9 | 12.5 | ----- | 14.3 | 17.0 | ----- | 19.0 | 20.2 | ----- |
| Chronic Obstructive Pulmonary Disease | 31 | 6.5 | 5.2 | ----- | 9.7 | 9.0 | ----- | 16.1 | 12.6 | ----- |
| Transient Cerebral Ischemia | 20 | 0.0 | 1.8 | ----- | 10.0 | 4.2 | ----- | 10.0 | 7.0 | ----- |
| Stroke | 24 | 20.8 | 18.2 | ----- | 25.0 | 23.5 | ----- | 37.5 | 27.0 | ----- |
| Hip Fracture | 16 | 12.5 | 4.8 | ----- | 12.5 | 8.1 | ----- | 18.8 | 10.7 | ----- |
| Sepsis | 10 | 60.0 | 31.0 | ----- | 70.0 | 36.8 | ----- | 70.0 | 40.9 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 2 | 0.0 | 3.4 | ----- | 0.0 | 7.8 | ----- | 0.0 | 13.1 | ----- |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 7 | 0.0 | 2.6 | ----- | 0.0 | 4.6 | ----- | 14.3 | 6.2 | ----- |
| Open Reduction of Hip Fracture | 9 | 22.2 | 4.8 | ----- | 22.2 | 8.2 | ----- | 22.2 | 11.0 | ----- |
| Prostatectomy | 12 | 0.0 | 0.7 | ----- | 0.0 | 1.8 | ----- | 0.0 | 3.3 | ----- |
| Cholecystectomy | 18 | 0.0 | 2.0 | ----- | 0.0 | 3.6 | ----- | 0.0 | 4.8 | ----- |
| Hysterectomy | 2 | 0.0 | 0.1 | ----- | 0.0 | 0.3 | ----- | 0.0 | 0.5 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# GUNTERSVILLE-ARAB MEDICAL CENTER

Medicare Provider Number: 010010

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | | | |
|---|---|---|---|
| DEMOGRAPHICS: | | COMORBIDITIES: | |
| Average age at admission | 73.8 years | Cancer | 4.3 % |
| Proportion female | 60.7 % | Chronic cardiovascular disease | 46.0 % |
| ADMISSION SOURCES/TYPES: | | Chronic liver disease | 1.0 % |
| Referred by personal or HMO physician | 46.3 % | Chronic renal disease | 1.1 % |
| Transferred from skilled nursing facility | 0.0 % | Chronic pulmonary disease | 33.6 % |
| Admitted for elective procedure | 8.8 % | Cerebrovascular degeneration | 1.6 % |
| Admitted for emergency | 52.5 % | Diabetes mellitus | 7.1 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | | | |
|---|---|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | | MEDICARE AVERAGE LENGTH OF STAY: | |
| County/City | 79.3% | Hospital | 7.2 Days |
| State | 19.4% | State | 7.9 Days |
| Outside State | 1.3% | National | 8.6 Days |
| Total | 100.0% | | |

## HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1990

| | | | |
|---|---|---|---|
| PROFILE: | | SPECIALTY SERVICES: | |
| Total Beds | 90 | Burn Unit | No |
| Ownership/Control | Local Government | Coronary Care Unit | No |
| Case Mix Index (CMI) | 1.0976 | Hospice Care | Yes |
| STAFFING: | | Intensive Care Unit | Yes |
| Medical Residents/Interns | 0 | Organ Transplant | No |
| Registered Nurses | 63 | Trauma Center | No |
| Licensed Practical Nurses | 26 | OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| | | Alcohol/Drug | No |
| | | Rehabilitation | Yes |
| | | Psychiatric | No |
| | | Medicare Swing Beds | No |

** Except for CMI

* Not used in calculating mortality rates

# HALE COUNTY HOSPITAL

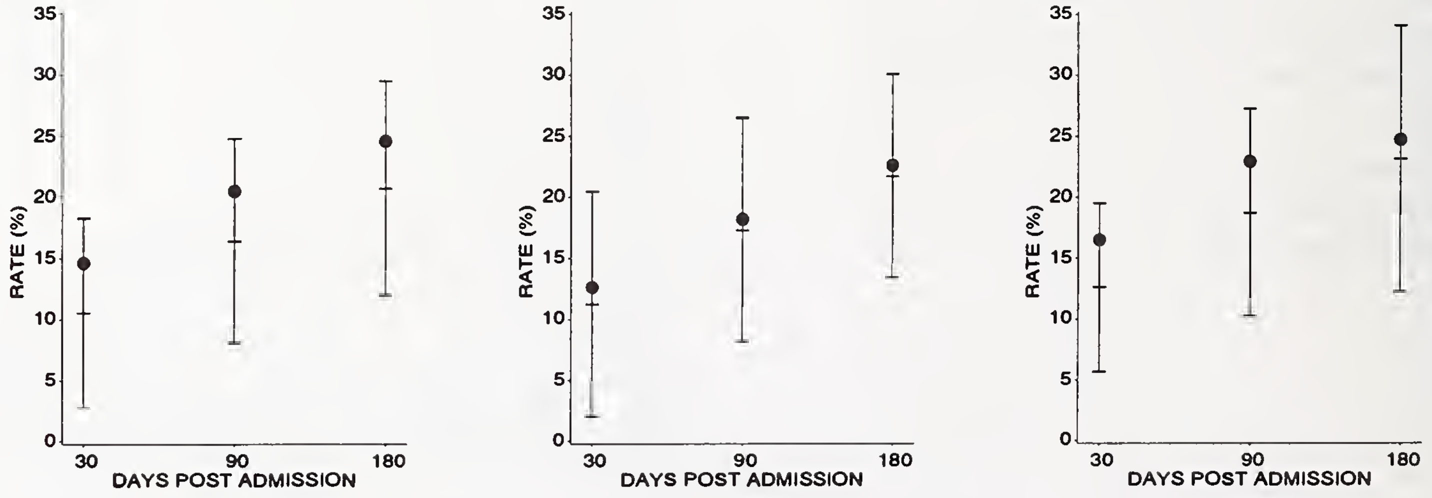
1ST & GREEN STREETS
GREENSBORO, AL 36744
Medicare Provider Number: 010095

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 170 | 16.5 | 12.6 | 3.5 | 22.9 | 18.7 | 4.3 | 24.7 | 23.1 | 5.5 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 4 | 25.0 | 34.8 | ----- | 50.0 | 39.9 | ----- | 50.0 | 42.9 | ----- |
| Congestive Heart Failure | 19 | 10.5 | 13.2 | ----- | 15.8 | 21.6 | ----- | 15.8 | 27.7 | ----- |
| Pneumonia/Influenza | 20 | 20.0 | 15.2 | ----- | 35.0 | 21.3 | ----- | 40.0 | 25.6 | ----- |
| Chronic Obstructive Pulmonary Disease | 2 | 0.0 | 16.3 | ----- | 0.0 | 32.1 | ----- | 50.0 | 42.5 | ----- |
| Transient Cerebral Ischemia | 3 | 0.0 | 2.8 | ----- | 0.0 | 6.5 | ----- | 0.0 | 10.3 | ----- |
| Stroke | 11 | 36.4 | 22.7 | ----- | 45.5 | 31.0 | ----- | 45.5 | 35.4 | ----- |
| Hip Fracture | 1 | 0.0 | 2.7 | ----- | 0.0 | 4.7 | ----- | 0.0 | 6.4 | ----- |
| Sepsis | 1 | 0.0 | 33.4 | ----- | 0.0 | 37.1 | ----- | 0.0 | 41.7 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 0 | | | | | | | | | |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

# HALE COUNTY HOSPITAL

Medicare Provider Number: 010095

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | | | |
|---|---|---|---|
| **DEMOGRAPHICS:** | | **COMORBIDITIES:** | |
| Average age at admission | 78.6 years | Cancer | 4.7 % |
| Proportion female | 60.6 % | Chronic cardiovascular disease | 30.6 % |
| **ADMISSION SOURCES/TYPES:** | | Chronic liver disease | 0.6 % |
| Referred by personal or HMO physician | 96.5 % | Chronic renal disease | 1.8 % |
| Transferred from skilled nursing facility | 0.0 % | Chronic pulmonary disease | 12.9 % |
| Admitted for elective procedure | 0.0 % | Cerebrovascular degeneration | 1.8 % |
| Admitted for emergency | 95.9 % | Diabetes mellitus | 13.5 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | | | |
|---|---|---|---|
| **ORIGIN OF MEDICARE PATIENT ADMISSION:** | | **MEDICARE AVERAGE LENGTH OF STAY:** | |
| County/City | 82.1% | Hospital | 5.6 Days |
| State | 17.5% | State | 7.9 Days |
| Outside State | 0.4% | National | 8.6 Days |
| Total | 100.0% | | |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | | | |
|---|---|---|---|
| **PROFILE:** | | **SPECIALTY SERVICES:** | |
| Total Beds | 28 | Burn Unit | No |
| Occupancy Rate | 21.0 % | Cardiac Intensive Care | No |
| Ownership/Control | Local Government | Comprehensive Geriatric | No |
| Medicare Discharges | (Not Available) | Hospice Care | No |
| Case Mix Index (CMI) | 1.1082 | Medical/Surgical Intensive Care | No |
| **STAFFING:** | | Organ/Tissue Transplant | No |
| Total Number of Physicians | (Not Available) | Other Intensive Care | No |
| Percent of Physicians Board Certified Specialists | (Not Available) | Trauma Center | No |
| Medical Residents/Interns | (Not Available) | **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Registered Nurses | (Not Available) | Alcohol/Drug | No |
| Licensed Practical Nurses | (Not Available) | Rehabilitation | No |
| | | Psychiatric | No |
| | | Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

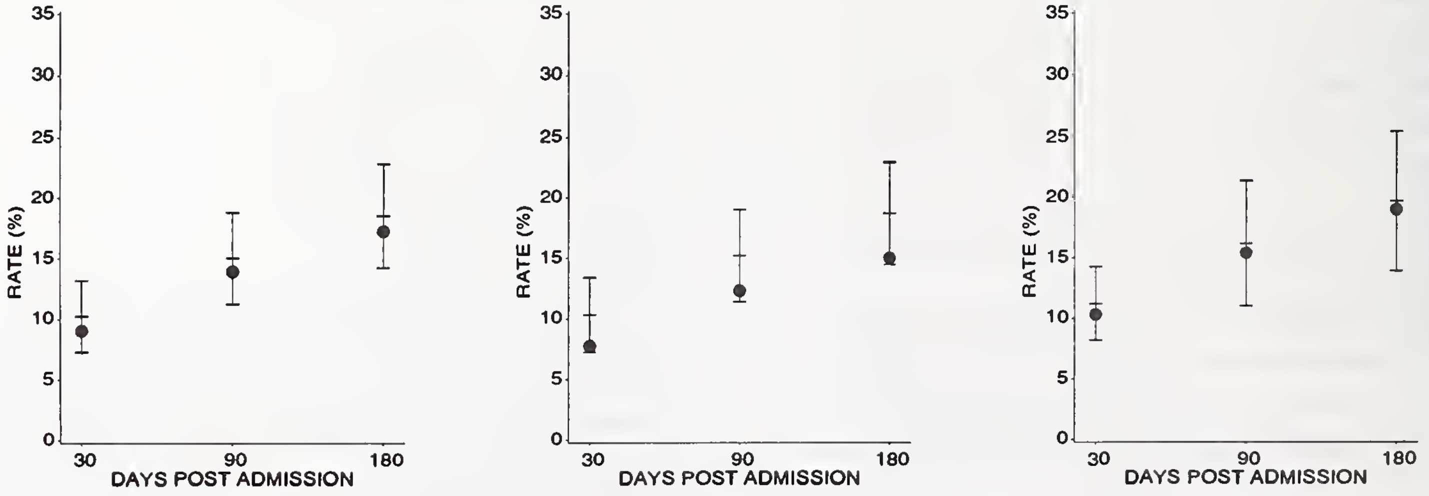
# HARTSELLE MEDICAL CENTER
401 PINE ST BOX 969
HARTSELLE, AL 35640
Medicare Provider Number: 010009

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 806 | 10.3 | 11.2 | 1.5 | 15.4 | 16.2 | 2.6 | 19.0 | 19.7 | 2.9 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 30 | 40.0 | 34.3 | ----- | 50.0 | 37.3 | ----- | 56.7 | 40.1 | ----- |
| Congestive Heart Failure | 50 | 6.0 | 14.6 | ----- | 26.0 | 22.9 | ----- | 32.0 | 29.2 | ----- |
| Pneumonia/Influenza | 94 | 14.9 | 16.1 | 6.7 | 18.1 | 21.4 | 8.0 | 19.1 | 25.0 | 8.7 |
| Chronic Obstructive Pulmonary Disease | 9 | 0.0 | 6.7 | ----- | 11.1 | 11.8 | ----- | 11.1 | 15.7 | ----- |
| Transient Cerebral Ischemia | 11 | 0.0 | 1.8 | ----- | 9.1 | 4.0 | ----- | 9.1 | 6.7 | ----- |
| Stroke | 34 | 23.5 | 24.0 | ----- | 35.3 | 30.6 | ----- | 38.2 | 34.4 | ----- |
| Hip Fracture | 8 | 0.0 | 6.8 | ----- | 0.0 | 11.5 | ----- | 0.0 | 14.4 | ----- |
| Sepsis | 3 | 66.7 | 35.2 | ----- | 66.7 | 49.1 | ----- | 100.0 | 56.2 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 6 | 0.0 | 5.1 | ----- | 0.0 | 9.8 | ----- | 0.0 | 13.3 | ----- |
| Open Reduction of Hip Fracture | 1 | 0.0 | 11.5 | ----- | 0.0 | 18.6 | ----- | 0.0 | 22.6 | ----- |
| Prostatectomy | 5 | 0.0 | 1.6 | ----- | 0.0 | 3.0 | ----- | 0.0 | 4.9 | ----- |
| Cholecystectomy | 12 | 0.0 | 4.9 | ----- | 16.7 | 9.7 | ----- | 16.7 | 13.7 | ----- |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

# HARTSELLE MEDICAL CENTER

Medicare Provider Number: 010009

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 75.3 years |
| Proportion female | 59.6 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 42.3 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.0 % |
| Admitted for emergency | 92.6 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 3.6 % |
| Chronic cardiovascular disease | 61.3 % |
| Chronic liver disease | 0.5 % |
| Chronic renal disease | 2.2 % |
| Chronic pulmonary disease | 18.9 % |
| Cerebrovascular degeneration | 1.2 % |
| Diabetes mellitus | 11.3 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 86.0% |
| State | 13.1% |
| Outside State | 0.9% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 7.0 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 150 |
| Ownership/Control | Private, For Profit |
| Case Mix Index (CMI) | 1.0549 |

STAFFING:

| | |
|---|---|
| Medical Residents/Interns | 0 |
| Registered Nurses | 36 |
| Licensed Practical Nurses | 21 |

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Coronary Care Unit | Yes |
| Hospice Care | Yes |
| Intensive Care Unit | Yes |
| Organ Transplant | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

* Not used in calculating mortality rates

# HEALTHSOUTH MEDICAL CENTER

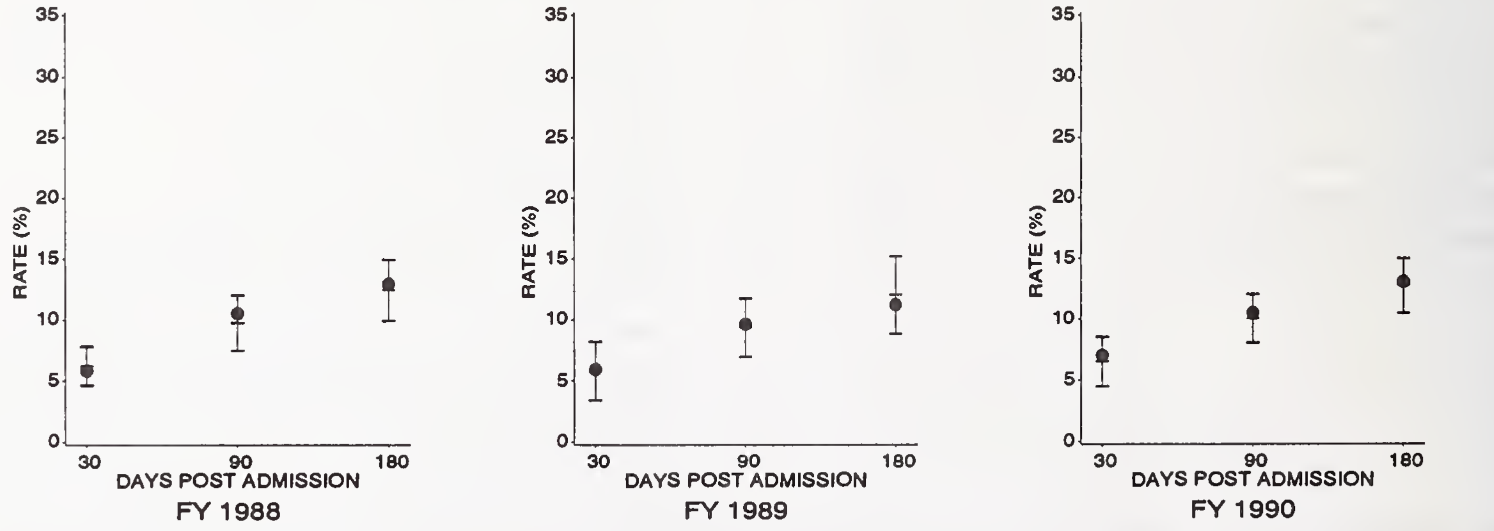
1201 ELEVENTH AVENUE SOUTH
BIRMINGHAM, AL 35205
Medicare Provider Number: 010084

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | PRED | SD* | 90 DAYS OBS | PRED | SD* | 180 DAYS OBS | PRED | SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 1220 | 7.0 | 6.5 | 1.0 | 10.5 | 10.0 | 1.0 | 13.0 | 12.7 | 1.1 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 6 | 33.3 | 17.6 | ----- | 33.3 | 21.9 | ----- | 33.3 | 26.1 | ----- |
| Congestive Heart Failure | 45 | 13.3 | 13.3 | ----- | 17.8 | 21.0 | ----- | 24.4 | 26.5 | ----- |
| Pneumonia/Influenza | 61 | 11.5 | 14.2 | 5.2 | 21.3 | 19.8 | 7.2 | 21.3 | 23.5 | 6.0 |
| Chronic Obstructive Pulmonary Disease | 18 | 11.1 | 5.8 | ----- | 16.7 | 10.6 | ----- | 16.7 | 14.6 | ----- |
| Transient Cerebral Ischemia | 8 | 0.0 | 2.7 | ----- | 0.0 | 5.9 | ----- | 0.0 | 8.9 | ----- |
| Stroke | 44 | 22.7 | 19.8 | ----- | 25.0 | 25.0 | ----- | 31.8 | 28.7 | ----- |
| Hip Fracture | 13 | 15.4 | 6.0 | ----- | 15.4 | 10.1 | ----- | 15.4 | 13.0 | ----- |
| Sepsis | 8 | 25.0 | 22.7 | ----- | 37.5 | 33.4 | ----- | 37.5 | 38.7 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 9 | 0.0 | 2.7 | ----- | 0.0 | 5.6 | ----- | 11.1 | 8.5 | ----- |
| Carotid Endarterectomy | 2 | 0.0 | 0.4 | ----- | 0.0 | 0.9 | ----- | 0.0 | 1.3 | ----- |
| Hip Replacement/Reconstruction | 46 | 0.0 | 0.9 | ----- | 0.0 | 1.6 | ----- | 0.0 | 2.3 | ----- |
| Open Reduction of Hip Fracture | 8 | 25.0 | 6.1 | ----- | 25.0 | 10.3 | ----- | 25.0 | 13.4 | ----- |
| Prostatectomy | 24 | 4.2 | 0.8 | ----- | 4.2 | 1.9 | ----- | 8.3 | 3.3 | ----- |
| Cholecystectomy | 12 | 16.7 | 1.2 | ----- | 25.0 | 2.0 | ----- | 25.0 | 2.6 | ----- |
| Hysterectomy | 4 | 0.0 | 0.2 | ----- | 25.0 | 0.5 | ----- | 25.0 | 0.8 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

# HEALTHSOUTH MEDICAL CENTER

Medicare Provider Number: 010084

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 73.3 years |
| Proportion female | 61.3 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 58.0 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 57.6 % |
| Admitted for emergency | 40.2 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 3.5 % |
| Chronic cardiovascular disease | 28.2 % |
| Chronic liver disease | 0.7 % |
| Chronic renal disease | 1.8 % |
| Chronic pulmonary disease | 17.5 % |
| Cerebrovascular degeneration | 2.3 % |
| Diabetes mellitus | 9.1 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 69.4% |
| State | 28.8% |
| Outside State | 1.8% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 8.7 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 151 |
| Occupancy Rate | 58.0 % |
| Ownership.Control | Private, Non-Profit |
| Medicare Discharges | (Not Available) |
| Case Mix Index (CMI) | 1.2971 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | (Not Available) |
| Percent of Physicians Board Certified Specialists | (Not Available) |
| Medical Residents/Interns | (Not Available) |
| Registered Nurses | (Not Available) |
| Licensed Practical Nurses | (Not Available) |

** Except for CMI

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

*** Not used in calculating mortality rates**

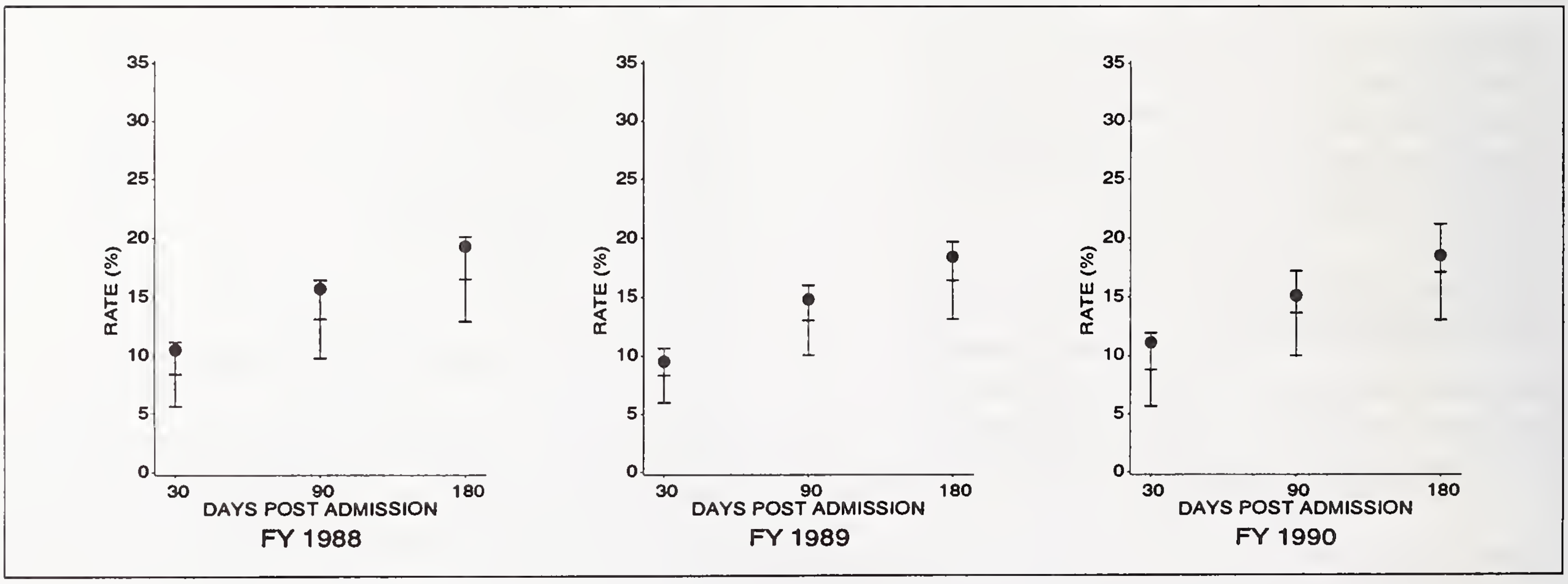
# HELEN KELLER MEMORIAL HOSPITAL
MONTGOMERY AV BOX 610
SHEFFIELD, AL 35660
Medicare Provider Number: 010019

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 940 | 11.1 | 8.8 | 1.6 | 15.1 | 13.6 | 1.8 | 18.5 | 17.1 | 2.0 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 27 | 33.3 | 27.2 | ----- | 33.3 | 30.0 | ----- | 33.3 | 32.6 | ----- |
| Congestive Heart Failure | 35 | 5.7 | 12.1 | ----- | 11.4 | 18.6 | ----- | 14.3 | 23.7 | ----- |
| Pneumonia/Influenza | 47 | 19.1 | 15.3 | ----- | 21.3 | 21.2 | ----- | 23.4 | 24.9 | ----- |
| Chronic Obstructive Pulmonary Disease | 13 | 7.7 | 8.4 | ----- | 23.1 | 14.4 | ----- | 30.8 | 18.8 | ----- |
| Transient Cerebral Ischemia | 16 | 6.3 | 1.9 | ----- | 6.3 | 4.3 | ----- | 12.5 | 6.9 | ----- |
| Stroke | 41 | 19.5 | 19.4 | ----- | 24.4 | 25.1 | ----- | 26.8 | 28.6 | ----- |
| Hip Fracture | 24 | 20.8 | 6.0 | ----- | 20.8 | 10.4 | ----- | 29.2 | 13.3 | ----- |
| Sepsis | 17 | 29.4 | 28.2 | ----- | 35.3 | 37.5 | ----- | 35.3 | 41.9 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 2 | 0.0 | 0.7 | ----- | 0.0 | 1.7 | ----- | 0.0 | 3.0 | ----- |
| Carotid Endarterectomy | 1 | 0.0 | 1.1 | ----- | 0.0 | 2.5 | ----- | 0.0 | 4.2 | ----- |
| Hip Replacement/Reconstruction | 11 | 18.2 | 3.6 | ----- | 18.2 | 6.6 | ----- | 18.2 | 8.5 | ----- |
| Open Reduction of Hip Fracture | 12 | 8.3 | 5.9 | ----- | 8.3 | 10.9 | ----- | 25.0 | 14.4 | ----- |
| Prostatectomy | 28 | 0.0 | 0.7 | ----- | 0.0 | 1.7 | ----- | 0.0 | 3.0 | ----- |
| Cholecystectomy | 22 | 4.5 | 2.2 | ----- | 4.5 | 4.4 | ----- | 4.5 | 6.2 | ----- |
| Hysterectomy | 8 | 0.0 | 0.1 | ----- | 0.0 | 0.3 | ----- | 0.0 | 0.5 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# HELEN KELLER MEMORIAL HOSPITAL
Medicare Provider Number: 010019

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 72.2 years |
| Proportion female | 55.0 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 35.0 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 36.7 % |
| Admitted for emergency | 62.2 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 8.3 % |
| Chronic cardiovascular disease | 32.9 % |
| Chronic liver disease | 0.4 % |
| Chronic renal disease | 6.4 % |
| Chronic pulmonary disease | 34.6 % |
| Cerebrovascular degeneration | 1.4 % |
| Diabetes mellitus | 9.1 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 74.7% |
| State | 23.1% |
| Outside State | 2.2% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 9.0 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1991

PROFILE:

| | |
|---|---|
| Total Beds | 185 |
| Ownership/Control | District/Authority |
| Case Mix Index (CMI) | 1.1920 |

STAFFING:

| | |
|---|---|
| Medical Residents/Interns | 2 |
| Registered Nurses | 129 |
| Licensed Practical Nurses | 55 |

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Coronary Care Unit | Yes |
| Hospice Care | No |
| Intensive Care Unit | Yes |
| Organ Transplant | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | Yes |
| Rehabilitation | No |
| Psychiatric | Yes |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# HILL HOSPITAL OF YORK

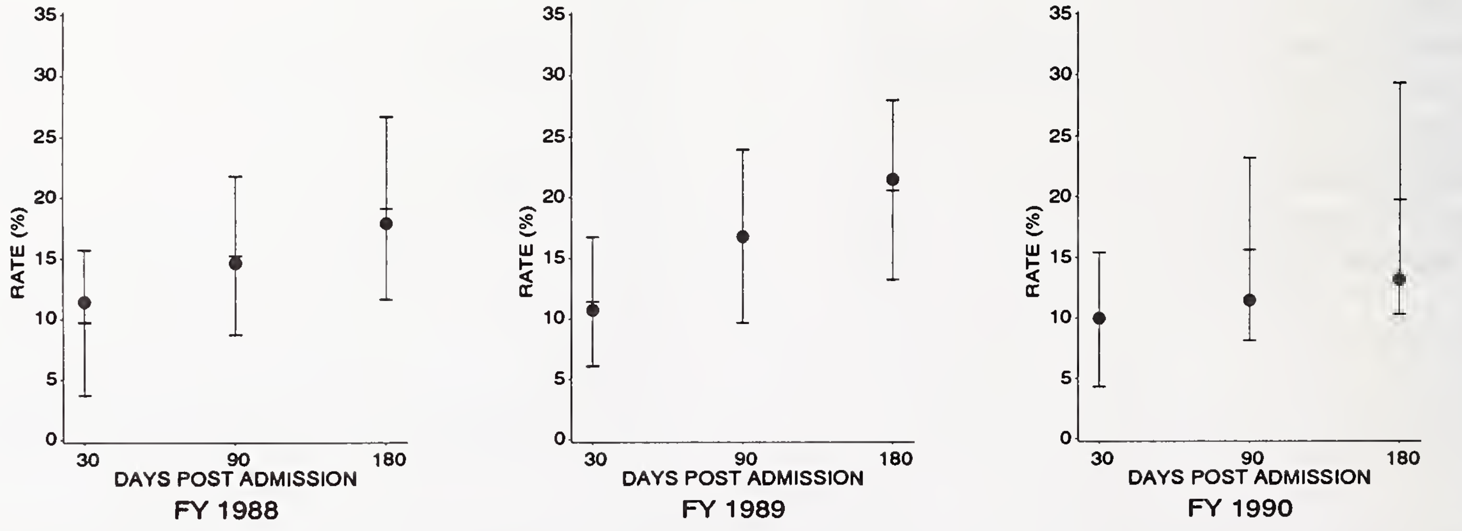
751 DERBY DR
YORK, AL 36925
Medicare Provider Number: 010138

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| | | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| CATEGORY | NUMBER OF CASES | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 130 | 10.0 | 9.9 | 2.8 | 11.5 | 15.7 | 3.8 | 13.1 | 19.8 | 4.8 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 2 | 0.0 | 14.2 | ----- | 0.0 | 17.6 | ----- | 0.0 | 20.0 | ----- |
| Congestive Heart Failure | 19 | 15.8 | 18.1 | ----- | 21.1 | 28.2 | ----- | 26.3 | 34.7 | ----- |
| Pneumonia/Influenza | 12 | 8.3 | 19.7 | ----- | 16.7 | 28.4 | ----- | 16.7 | 33.3 | ----- |
| Chronic Obstructive Pulmonary Disease | 7 | 0.0 | 5.0 | ----- | 0.0 | 10.3 | ----- | 0.0 | 15.3 | ----- |
| Transient Cerebral Ischemia | 4 | 0.0 | 1.3 | ----- | 0.0 | 2.9 | ----- | 0.0 | 4.9 | ----- |
| Stroke | 6 | 16.7 | 15.8 | ----- | 16.7 | 22.8 | ----- | 16.7 | 26.4 | ----- |
| Hip Fracture | 0 | | | | | | | | | |
| Sepsis | 3 | 66.7 | 27.4 | ----- | 66.7 | 38.8 | ----- | 66.7 | 42.6 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 0 | | | | | | | | | |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# HILL HOSPITAL OF YORK

Medicare Provider Number: 010138

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 75.9 years |
| Proportion female | 56.2 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 50.8 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.8 % |
| Admitted for emergency | 46.2 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 6.2 % |
| Chronic cardiovascular disease | 35.4 % |
| Chronic liver disease | 0.8 % |
| Chronic renal disease | 2.3 % |
| Chronic pulmonary disease | 29.2 % |
| Cerebrovascular degeneration | 4.6 % |
| Diabetes mellitus | 15.4 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 85.7% |
| State | 11.7% |
| Outside State | 2.6% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 4.9 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 33 |
| Occupancy Rate | 24.0 % |
| Ownership/Control | Local Government |
| Medicare Discharges | (Not Available) |
| Case Mix Index (CMI) | 0.9784 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | (Not Available) |
| Percent of Physicians Board Certified Specialists | (Not Available) |
| Medical Residents/Interns | (Not Available) |
| Registered Nurses | (Not Available) |
| Licensed Practical Nurses | (Not Available) |

** Except for CMI

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | No |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

*** Not used in calculating mortality rates**

# HUMANA HOSPITAL EAST MONTGOMERY

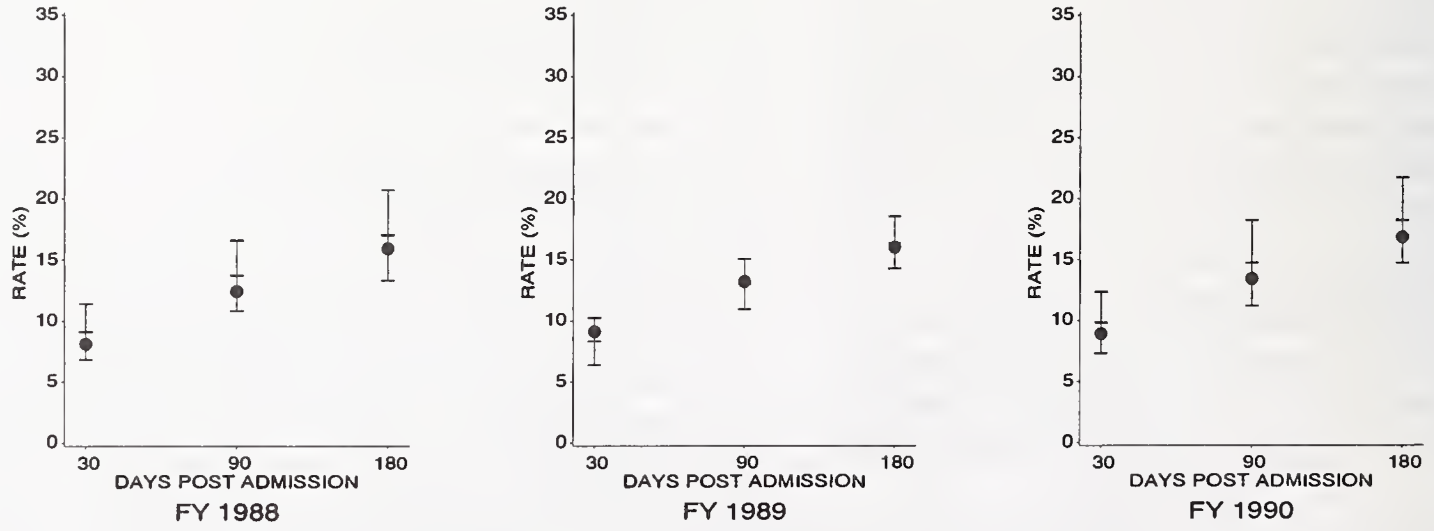
TAYLOR RD BOX 17720
MONTGOMERY, AL 36193
Medicare Provider Number: 010149

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 1265 | 8.9 | 9.8 | 1.3 | 13.4 | 14.7 | 1.8 | 16.8 | 18.2 | 1.8 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 18 | 33.3 | 35.6 | ----- | 38.9 | 39.1 | ----- | 38.9 | 42.4 | ----- |
| Congestive Heart Failure | 53 | 5.7 | 15.6 | 7.7 | 11.3 | 24.8 | 10.1 | 18.9 | 31.3 | 10.6 |
| Pneumonia/Influenza | 52 | 19.2 | 14.8 | 6.2 | 21.2 | 20.4 | 5.6 | 21.2 | 24.2 | 6.5 |
| Chronic Obstructive Pulmonary Disease | 24 | 0.0 | 6.5 | ----- | 4.2 | 12.0 | ----- | 8.3 | 16.2 | ----- |
| Transient Cerebral Ischemia | 19 | 0.0 | 1.3 | ----- | 0.0 | 2.9 | ----- | 0.0 | 4.7 | ----- |
| Stroke | 39 | 15.4 | 18.3 | ----- | 28.2 | 24.6 | ----- | 33.3 | 28.0 | ----- |
| Hip Fracture | 18 | 5.6 | 6.1 | ----- | 16.7 | 10.4 | ----- | 16.7 | 13.5 | ----- |
| Sepsis | 42 | 40.5 | 23.1 | ----- | 47.6 | 30.2 | ----- | 50.0 | 34.9 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 4 | 25.0 | 5.6 | ----- | 25.0 | 12.2 | ----- | 25.0 | 18.0 | ----- |
| Carotid Endarterectomy | 6 | 0.0 | 0.9 | ----- | 0.0 | 1.7 | ----- | 0.0 | 2.7 | ----- |
| Hip Replacement/Reconstruction | 15 | 0.0 | 1.9 | ----- | 0.0 | 3.6 | ----- | 0.0 | 4.8 | ----- |
| Open Reduction of Hip Fracture | 15 | 6.7 | 5.4 | ----- | 20.0 | 9.5 | ----- | 20.0 | 12.6 | ----- |
| Prostatectomy | 33 | 0.0 | 1.0 | ----- | 0.0 | 2.2 | ----- | 3.0 | 3.8 | ----- |
| Cholecystectomy | 24 | 0.0 | 1.7 | ----- | 0.0 | 3.1 | ----- | 0.0 | 4.3 | ----- |
| Hysterectomy | 7 | 0.0 | 0.2 | ----- | 0.0 | 0.5 | ----- | 0.0 | 1.0 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# HUMANA HOSPITAL EAST MONTGOMERY

Medicare Provider Number: 010149

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | |
|---|---|
| DEMOGRAPHICS: | |
| Average age at admission | 74.8 years |
| Proportion female | 60.6 % |
| ADMISSION SOURCES/TYPES: | |
| Referred by personal or HMO physician | 41.1 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 13.8 % |
| Admitted for emergency | 56.8 % |

| | |
|---|---|
| COMORBIDITIES: | |
| Cancer | 6.1 % |
| Chronic cardiovascular disease | 31.0 % |
| Chronic liver disease | 1.1 % |
| Chronic renal disease | 4.2 % |
| Chronic pulmonary disease | 19.1 % |
| Cerebrovascular degeneration | 3.2 % |
| Diabetes mellitus | 11.4 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | |
|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | |
| County/City | 65.5% |
| State | 32.8% |
| Outside State | 1.7% |
| Total | 100.0% |

| | |
|---|---|
| MEDICARE AVERAGE LENGTH OF STAY: | |
| Hospital | 7.5 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1991

| | |
|---|---|
| PROFILE: | |
| Total Beds | 150 |
| Ownership/Control | Private, For Profit |
| Case Mix Index (CMI) | 1.3676 |
| STAFFING: | |
| Medical Residents/Interns | 0 |
| Registered Nurses | 77 |
| Licensed Practical Nurses | 32 |

| | |
|---|---|
| SPECIALTY SERVICES: | |
| Burn Unit | No |
| Coronary Care Unit | Yes |
| Hospice Care | No |
| Intensive Care Unit | Yes |
| Organ Transplant | No |
| Trauma Center | No |
| OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| Alcohol/Drug | Yes |
| Rehabilitation | Yes |
| Psychiatric | Yes |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# HUMANA HOSPITAL ENTERPRISE

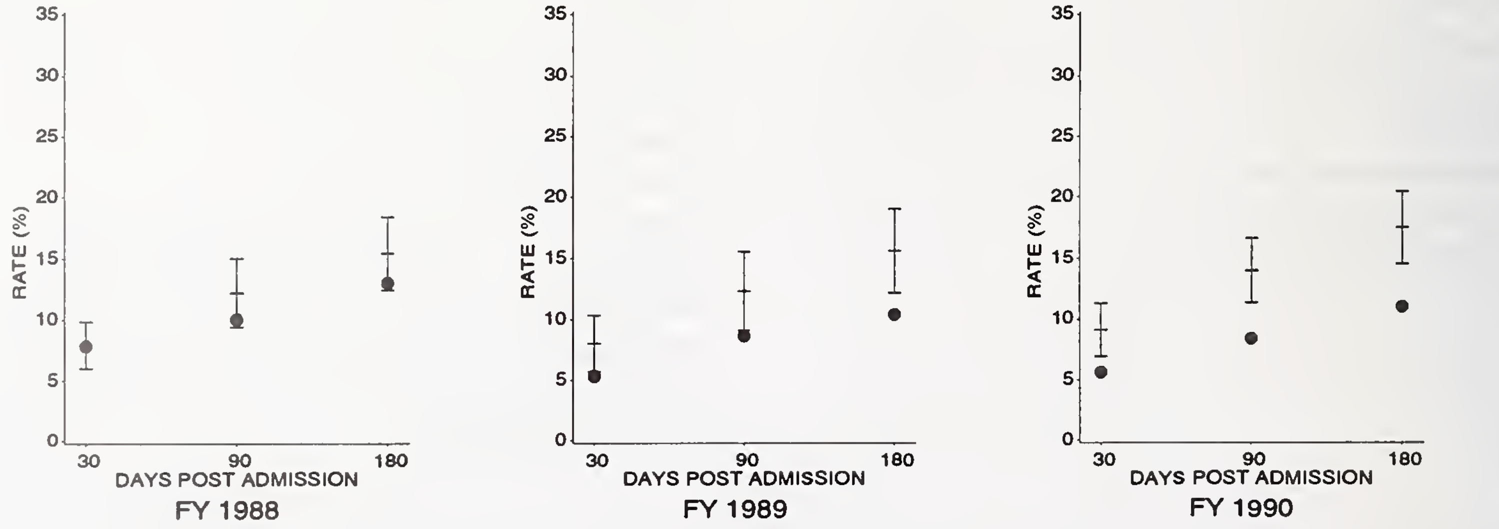
400 N EDWARDS ST
ENTERPRISE, AL 36330
Medicare Provider Number: 010049

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | PRED | SD* | 90 DAYS OBS | PRED | SD* | 180 DAYS OBS | PRED | SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 770 | 5.6 | 9.1 | 1.1 | 8.4 | 14.0 | 1.3 | 11.0 | 17.5 | 1.5 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 17 | 17.6 | 25.0 | ----- | 17.6 | 31.0 | ----- | 17.6 | 35.1 | ----- |
| Congestive Heart Failure | 38 | 10.5 | 13.7 | ----- | 15.8 | 22.4 | ----- | 23.7 | 28.8 | ----- |
| Pneumonia/Influenza | 57 | 10.5 | 16.0 | 8.3 | 15.8 | 22.0 | 7.8 | 21.1 | 25.8 | 7.9 |
| Chronic Obstructive Pulmonary Disease | 27 | 0.0 | 5.3 | ----- | 0.0 | 10.1 | ----- | 3.7 | 14.4 | ----- |
| Transient Cerebral Ischemia | 22 | 0.0 | 3.2 | ----- | 4.5 | 6.6 | ----- | 9.1 | 10.1 | ----- |
| Stroke | 33 | 3.0 | 23.0 | ----- | 12.1 | 30.7 | ----- | 24.2 | 34.9 | ----- |
| Hip Fracture | 7 | 0.0 | 5.8 | ----- | 0.0 | 9.5 | ----- | 0.0 | 12.1 | ----- |
| Sepsis | 9 | 11.1 | 16.7 | ----- | 11.1 | 25.4 | ----- | 22.2 | 30.8 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 3 | 0.0 | 4.6 | ----- | 0.0 | 10.4 | ----- | 0.0 | 15.3 | ----- |
| Open Reduction of Hip Fracture | 3 | 0.0 | 9.4 | ----- | 0.0 | 15.2 | ----- | 0.0 | 19.2 | ----- |
| Prostatectomy | 18 | 0.0 | 1.0 | ----- | 0.0 | 2.4 | ----- | 0.0 | 4.1 | ----- |
| Cholecystectomy | 21 | 0.0 | 2.6 | ----- | 0.0 | 4.9 | ----- | 0.0 | 6.4 | ----- |
| Hysterectomy | 7 | 0.0 | 0.8 | ----- | 0.0 | 1.8 | ----- | 0.0 | 2.9 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# HUMANA HOSPITAL ENTERPRISE

Medicare Provider Number: 010049

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 73.9 years |
| Proportion female | 59.7 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 50.9 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 6.1 % |
| Admitted for emergency | 52.1 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 9.0 % |
| Chronic cardiovascular disease | 44.9 % |
| Chronic liver disease | 1.6 % |
| Chronic renal disease | 4.0 % |
| Chronic pulmonary disease | 31.0 % |
| Cerebrovascular degeneration | 2.1 % |
| Diabetes mellitus | 11.2 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 75.4% |
| State | 22.3% |
| Outside State | 2.3% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 7.1 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1991

PROFILE:

| | |
|---|---|
| Total Beds | 135 |
| Ownership/Control | Private, For Profit |
| Case Mix Index (CMI) | 1.1428 |

STAFFING:

| | |
|---|---|
| Medical Residents/Interns | 0 |
| Registered Nurses | 60 |
| Licensed Practical Nurses | 49 |

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Coronary Care Unit | Yes |
| Hospice Care | No |
| Intensive Care Unit | Yes |
| Organ Transplant | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | Yes |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# HUMANA HOSPITAL FLORENCE

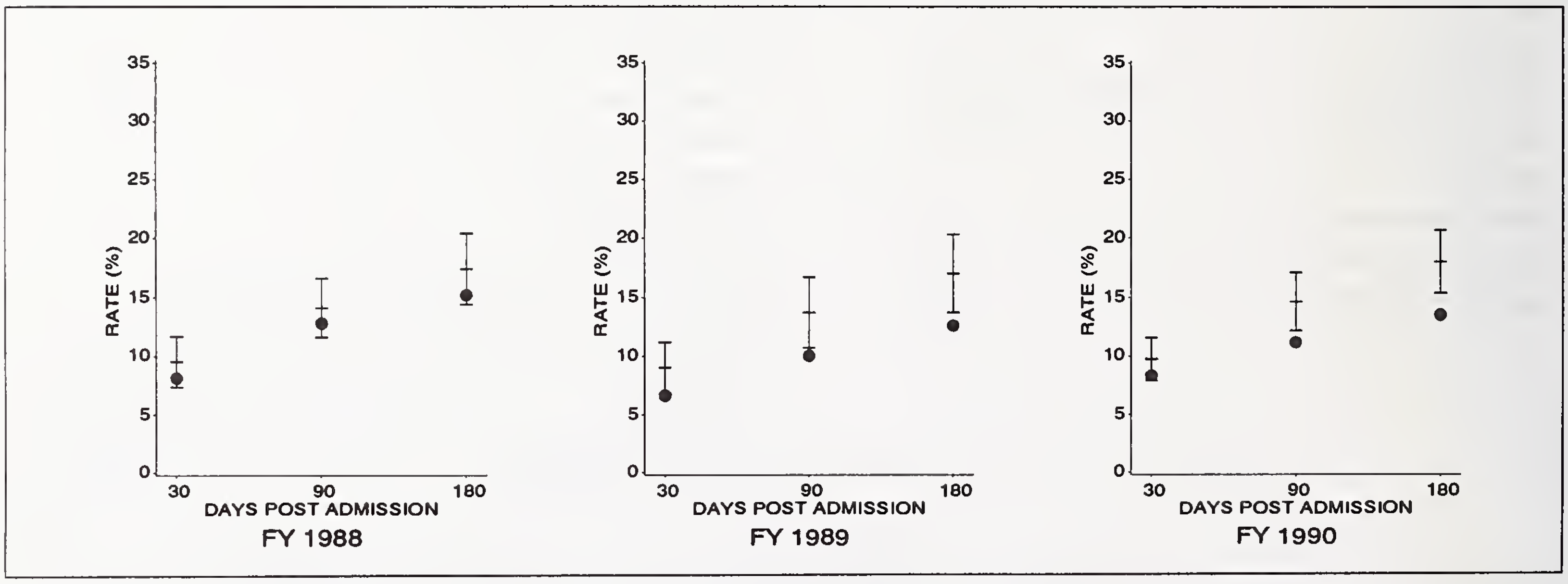
2111 CLOYD BLVD
FLORENCE, AL 35631
Medicare Provider Number: 010123

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 1061 | 8.3 | 9.7 | 0.9 | 11.1 | 14.6 | 1.2 | 13.5 | 18.0 | 1.3 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 28 | 17.9 | 23.6 | ----- | 17.9 | 26.7 | ----- | 21.4 | 29.3 | ----- |
| Congestive Heart Failure | 48 | 8.3 | 11.6 | ----- | 12.5 | 18.5 | ----- | 12.5 | 23.9 | ----- |
| Pneumonia/Influenza | 46 | 10.9 | 14.7 | ----- | 15.2 | 19.9 | ----- | 17.4 | 23.0 | ----- |
| Chronic Obstructive Pulmonary Disease | 14 | 7.1 | 8.2 | ----- | 14.3 | 14.2 | ----- | 14.3 | 18.4 | ----- |
| Transient Cerebral Ischemia | 22 | 0.0 | 1.7 | ----- | 0.0 | 3.7 | ----- | 0.0 | 5.9 | ----- |
| Stroke | 38 | 26.3 | 17.5 | ----- | 31.6 | 23.5 | ----- | 31.6 | 27.2 | ----- |
| Hip Fracture | 39 | 7.7 | 8.2 | ----- | 7.7 | 14.1 | ----- | 10.3 | 17.9 | ----- |
| Sepsis | 12 | 25.0 | 21.0 | ----- | 25.0 | 25.8 | ----- | 25.0 | 29.0 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 2 | 50.0 | 1.8 | ----- | 50.0 | 4.1 | ----- | 50.0 | 6.7 | ----- |
| Carotid Endarterectomy | 4 | 0.0 | 2.5 | ----- | 0.0 | 4.2 | ----- | 0.0 | 5.6 | ----- |
| Hip Replacement/Reconstruction | 25 | 4.0 | 5.5 | ----- | 4.0 | 9.6 | ----- | 4.0 | 11.9 | ----- |
| Open Reduction of Hip Fracture | 19 | 10.5 | 6.0 | ----- | 10.5 | 11.2 | ----- | 15.8 | 14.9 | ----- |
| Prostatectomy | 32 | 0.0 | 1.3 | ----- | 3.1 | 3.1 | ----- | 3.1 | 5.2 | ----- |
| Cholecystectomy | 11 | 0.0 | 2.7 | ----- | 0.0 | 4.5 | ----- | 0.0 | 5.6 | ----- |
| Hysterectomy | 6 | 0.0 | 0.5 | ----- | 0.0 | 1.0 | ----- | 0.0 | 1.4 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# HUMANA HOSPITAL FLORENCE

Medicare Provider Number: 010123

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 74.2 years |
| Proportion female | 56.2 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 42.0 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 13.2 % |
| Admitted for emergency | 85.5 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 7.8 % |
| Chronic cardiovascular disease | 40.1 % |
| Chronic liver disease | 0.5 % |
| Chronic renal disease | 2.4 % |
| Chronic pulmonary disease | 30.4 % |
| Cerebrovascular degeneration | 2.6 % |
| Diabetes mellitus | 9.7 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 83.4% |
| State | 9.8% |
| Outside State | 6.8% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 7.8 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 155 |
| Occupancy Rate | 34.0 % |
| Ownership/Control | Private, For Profit |
| Medicare Discharges | (Not Available) |
| Case Mix Index (CMI) | 1.2208 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | 84 |
| Percent of Physicians Board Certified Specialists | 40.5 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 79 |
| Licensed Practical Nurses | 31 |

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# HUMANA HOSPITAL HUNTSVILLE

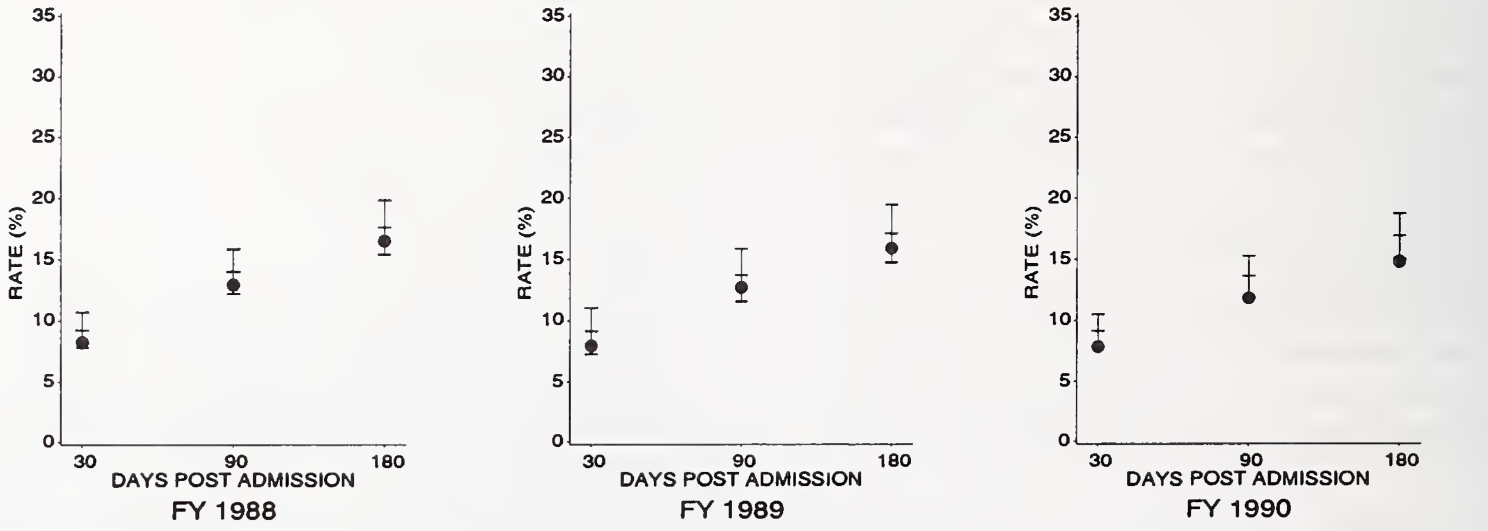
911 BIG COVE RD
HUNTSVILLE, AL 35801
Medicare Provider Number: 010127

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 2967 | 7.8 | 9.1 | 0.7 | 11.8 | 13.6 | 0.8 | 14.8 | 16.9 | 0.9 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 89 | 23.6 | 22.6 | 4.7 | 23.6 | 25.3 | 4.8 | 25.8 | 28.0 | 5.4 |
| Congestive Heart Failure | 132 | 10.6 | 12.6 | 3.6 | 15.2 | 20.2 | 4.8 | 19.7 | 26.0 | 5.9 |
| Pneumonia/Influenza | 103 | 9.7 | 15.3 | 5.0 | 16.5 | 20.9 | 5.0 | 20.4 | 24.8 | 5.2 |
| Chronic Obstructive Pulmonary Disease | 50 | 6.0 | 8.7 | ----- | 16.0 | 15.2 | ----- | 16.0 | 19.7 | ----- |
| Transient Cerebral Ischemia | 23 | 0.0 | 1.4 | ----- | 0.0 | 3.0 | ----- | 0.0 | 4.9 | ----- |
| Stroke | 111 | 26.1 | 20.3 | 7.1 | 33.3 | 26.9 | 6.7 | 35.1 | 30.8 | 6.0 |
| Hip Fracture | 98 | 5.1 | 6.7 | 3.8 | 10.2 | 11.6 | 3.7 | 15.3 | 14.8 | 3.6 |
| Sepsis | 48 | 31.3 | 27.5 | ----- | 37.5 | 36.5 | ----- | 43.8 | 41.6 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 48 | 6.3 | 3.8 | ----- | 6.3 | 4.7 | ----- | 8.3 | 5.5 | ----- |
| Coronary Artery Bypass Graft | 60 | 6.7 | 5.1 | 3.4 | 6.7 | 6.4 | 3.3 | 6.7 | 7.1 | 3.5 |
| Initial Pacemaker Insertion | 18 | 5.6 | 2.8 | ----- | 5.6 | 5.3 | ----- | 5.6 | 7.9 | ----- |
| Carotid Endarterectomy | 11 | 0.0 | 0.9 | ----- | 0.0 | 1.9 | ----- | 0.0 | 3.0 | ----- |
| Hip Replacement/Reconstruction | 74 | 2.7 | 3.5 | 2.4 | 5.4 | 6.4 | 3.4 | 6.8 | 8.4 | 4.1 |
| Open Reduction of Hip Fracture | 48 | 4.2 | 6.2 | ----- | 10.4 | 10.9 | ----- | 16.7 | 14.1 | ----- |
| Prostatectomy | 136 | 0.0 | 0.7 | 1.2 | 0.7 | 1.7 | 1.4 | 1.5 | 2.9 | 1.8 |
| Cholecystectomy | 89 | 0.0 | 2.0 | 2.3 | 2.2 | 3.7 | 2.4 | 2.2 | 5.1 | 3.4 |
| Hysterectomy | 28 | 0.0 | 0.3 | ----- | 0.0 | 0.6 | ----- | 3.6 | 1.0 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

# HUMANA HOSPITAL HUNTSVILLE

Medicare Provider Number: 010127

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | | | |
|---|---|---|---|
| DEMOGRAPHICS: | | COMORBIDITIES: | |
| Average age at admission | 73.8 years | Cancer | 8.4 % |
| Proportion female | 55.8 % | Chronic cardiovascular disease | 41.4 % |
| ADMISSION SOURCES/TYPES: | | Chronic liver disease | 0.5 % |
| Referred by personal or HMO physician | 50.4 % | Chronic renal disease | 1.9 % |
| Transferred from skilled nursing facility | 0.0 % | Chronic pulmonary disease | 18.9 % |
| Admitted for elective procedure | 39.2 % | Cerebrovascular degeneration | 2.6 % |
| Admitted for emergency | 58.4 % | Diabetes mellitus | 9.0 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | | | |
|---|---|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | | MEDICARE AVERAGE LENGTH OF STAY: | |
| County/City | 68.5% | Hospital | 8.0 Days |
| State | 23.2% | State | 7.9 Days |
| Outside State | 8.3% | National | 8.6 Days |
| Total | 100.0% | | |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | | | |
|---|---|---|---|
| PROFILE: | | SPECIALTY SERVICES: | |
| Total Beds | 323 | Burn Unit | No |
| Occupancy Rate | 57.0 % | Cardiac Intensive Care | Yes |
| Ownership/Control | Private, For Profit | Comprehensive Geriatric | No |
| Medicare Discharges | 41.1 % | Hospice Care | No |
| Case Mix Index (CMI) | 1.5004 | Medical/Surgical Intensive Care | Yes |
| STAFFING: | | Organ/Tissue Transplant | No |
| Total Number of Physicians | 278 | Other Intensive Care | No |
| Percent of Physicians Board Certified Specialists | 74.8 % | Trauma Center | Yes |
| | | OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| Medical Residents/Interns | 0 | Alcohol/Drug | No |
| Registered Nurses | 419 | Rehabilitation | No |
| Licensed Practical Nurses | 48 | Psychiatric | Yes |
| | | Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# HUMANA HOSPITAL MONTGOMERY

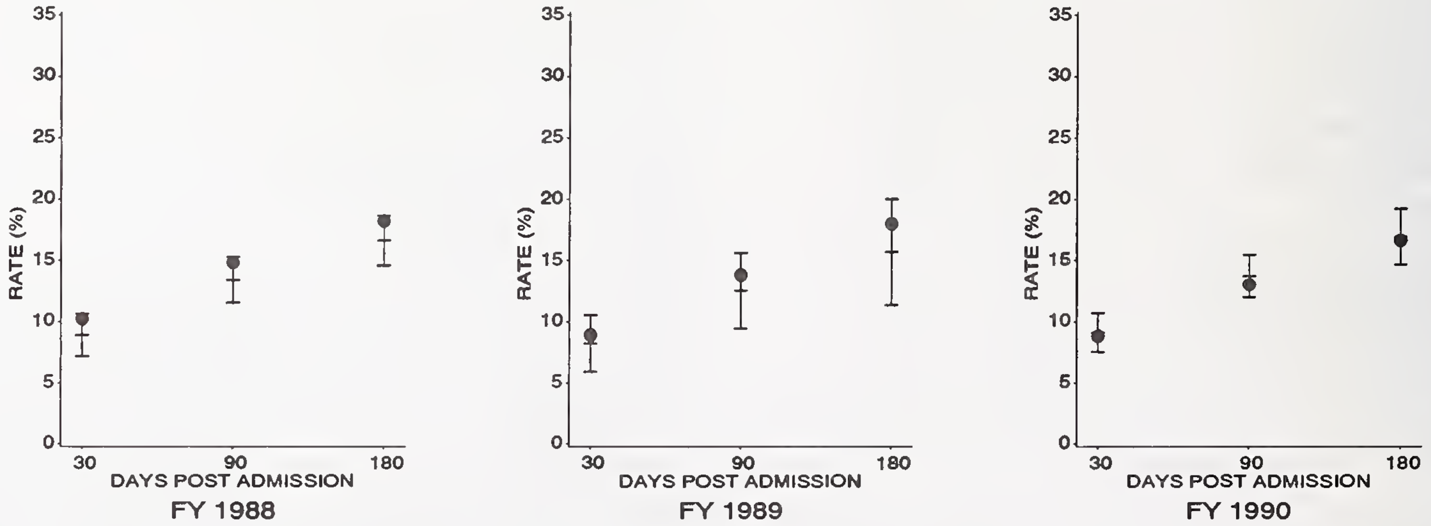
301 S RIPLEY ST
MONTGOMERY, AL 36104
Medicare Provider Number: 010081

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 1894 | 8.8 | 9.1 | 0.8 | 13.0 | 13.7 | 0.9 | 16.6 | 16.9 | 1.2 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 75 | 20.0 | 21.3 | 5.4 | 21.3 | 23.7 | 5.5 | 24.0 | 26.1 | 5.4 |
| Congestive Heart Failure | 98 | 9.2 | 12.9 | 4.9 | 16.3 | 21.2 | 6.2 | 26.5 | 27.1 | 5.9 |
| Pneumonia/Influenza | 49 | 22.4 | 14.0 | ----- | 26.5 | 19.8 | ----- | 26.5 | 23.6 | ----- |
| Chronic Obstructive Pulmonary Disease | 33 | 9.1 | 9.8 | ----- | 15.2 | 16.7 | ----- | 21.2 | 21.7 | ----- |
| Transient Cerebral Ischemia | 16 | 6.3 | 1.7 | ----- | 12.5 | 3.7 | ----- | 12.5 | 5.9 | ----- |
| Stroke | 78 | 19.2 | 19.4 | 4.5 | 23.1 | 25.4 | 5.4 | 28.2 | 28.9 | 6.0 |
| Hip Fracture | 22 | 4.5 | 7.1 | ----- | 9.1 | 13.0 | ----- | 13.6 | 17.5 | ----- |
| Sepsis | 36 | 30.6 | 23.8 | ----- | 36.1 | 30.9 | ----- | 47.2 | 35.7 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 132 | 3.0 | 3.7 | 1.9 | 3.8 | 4.7 | 2.1 | 6.1 | 5.7 | 2.2 |
| Coronary Artery Bypass Graft | 98 | 11.2 | 5.8 | 3.2 | 11.2 | 8.5 | 3.2 | 11.2 | 9.7 | 3.4 |
| Initial Pacemaker Insertion | 15 | 0.0 | 2.0 | ----- | 0.0 | 4.1 | ----- | 0.0 | 6.0 | ----- |
| Carotid Endarterectomy | 7 | 0.0 | 1.8 | ----- | 0.0 | 3.4 | ----- | 0.0 | 5.2 | ----- |
| Hip Replacement/Reconstruction | 18 | 0.0 | 3.5 | ----- | 5.6 | 6.5 | ----- | 11.1 | 8.9 | ----- |
| Open Reduction of Hip Fracture | 10 | 0.0 | 6.5 | ----- | 0.0 | 12.1 | ----- | 0.0 | 16.4 | ----- |
| Prostatectomy | 27 | 0.0 | 0.8 | ----- | 3.7 | 1.9 | ----- | 3.7 | 3.3 | ----- |
| Cholecystectomy | 13 | 0.0 | 3.3 | ----- | 7.7 | 5.8 | ----- | 7.7 | 7.5 | ----- |
| Hysterectomy | 10 | 0.0 | 0.4 | ----- | 0.0 | 1.1 | ----- | 0.0 | 2.0 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

# HUMANA HOSPITAL MONTGOMERY

Medicare Provider Number: 010081

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| DEMOGRAPHICS: | |
|---|---|
| Average age at admission | 72.4 years |
| Proportion female | 56.7 % |
| **ADMISSION SOURCES/TYPES:** | |
| Referred by personal or HMO physician | 57.1 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.2 % |
| Admitted for emergency | 35.7 % |

| COMORBIDITIES: | |
|---|---|
| Cancer | 5.3 % |
| Chronic cardiovascular disease | 45.5 % |
| Chronic liver disease | 0.7 % |
| Chronic renal disease | 6.9 % |
| Chronic pulmonary disease | 14.9 % |
| Cerebrovascular degeneration | 3.2 % |
| Diabetes mellitus | 10.9 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| ORIGIN OF MEDICARE PATIENT ADMISSION: | |
|---|---|
| County/City | 58.7% |
| State | 39.3% |
| Outside State | 2.0% |
| Total | 100.0% |

| MEDICARE AVERAGE LENGTH OF STAY: | |
|---|---|
| Hospital | 7.7 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| PROFILE: | |
|---|---|
| Total Beds | 250 |
| Occupancy Rate | 54.0 % |
| Ownership/Control | Private, For Profit |
| Medicare Discharges | 50.7 % |
| Case Mix Index (CMI) | 1.7266 |
| **STAFFING:** | |
| Total Number of Physicians | 144 |
| Percent of Physicians Board Certified Specialists | 76.4 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 217 |
| Licensed Practical Nurses | 36 |

| SPECIALTY SERVICES: | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | Yes |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |
| **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Alcohol/Drug | Yes |
| Rehabilitation | No |
| Psychiatric | Yes |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# HUMANA HOSPITAL RUSSELLVILLE

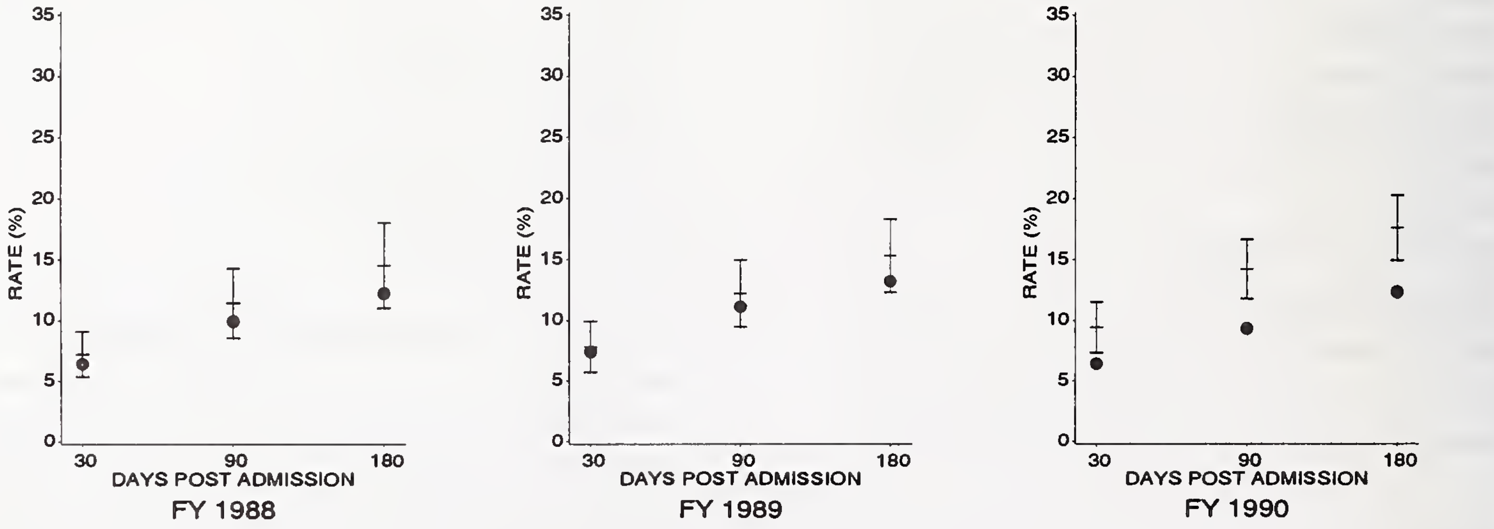
JACKSON HWY BYPASS
RUSSELLVILLE, AL 35653
Medicare Provider Number: 010094

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | PRED | SD* | 90 DAYS OBS | PRED | SD* | 180 DAYS OBS | PRED | SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 921 | 6.4 | 9.4 | 1.0 | 9.3 | 14.2 | 1.2 | 12.3 | 17.6 | 1.3 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 14 | 28.6 | 30.6 | ----- | 35.7 | 33.8 | ----- | 42.9 | 36.4 | ----- |
| Congestive Heart Failure | 29 | 6.9 | 12.9 | ----- | 10.3 | 20.5 | ----- | 13.8 | 26.4 | ----- |
| Pneumonia/Influenza | 38 | 10.5 | 15.3 | ----- | 18.4 | 21.4 | ----- | 21.1 | 25.4 | ----- |
| Chronic Obstructive Pulmonary Disease | 36 | 2.8 | 5.4 | ----- | 2.8 | 9.6 | ----- | 8.3 | 13.3 | ----- |
| Transient Cerebral Ischemia | 20 | 0.0 | 1.7 | ----- | 0.0 | 4.0 | ----- | 5.0 | 6.6 | ----- |
| Stroke | 30 | 16.7 | 17.8 | ----- | 20.0 | 24.8 | ----- | 23.3 | 28.8 | ----- |
| Hip Fracture | 20 | 15.0 | 5.6 | ----- | 15.0 | 10.0 | ----- | 15.0 | 13.2 | ----- |
| Sepsis | 28 | 35.7 | 25.3 | ----- | 35.7 | 31.0 | ----- | 42.9 | 34.7 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 14 | 0.0 | 2.8 | ----- | 0.0 | 5.4 | ----- | 0.0 | 7.5 | ----- |
| Open Reduction of Hip Fracture | 13 | 15.4 | 5.2 | ----- | 15.4 | 9.7 | ----- | 15.4 | 13.3 | ----- |
| Prostatectomy | 10 | 0.0 | 0.8 | ----- | 0.0 | 1.9 | ----- | 0.0 | 3.3 | ----- |
| Cholecystectomy | 8 | 12.5 | 3.1 | ----- | 12.5 | 4.9 | ----- | 12.5 | 5.8 | ----- |
| Hysterectomy | 3 | 0.0 | 3.9 | ----- | 0.0 | 9.2 | ----- | 0.0 | 14.1 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# HUMANA HOSPITAL RUSSELLVILLE

Medicare Provider Number: 010094

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | |
|---|---|
| **DEMOGRAPHICS:** | |
| Average age at admission | 72.8 years |
| Proportion female | 58.5 % |
| **ADMISSION SOURCES/TYPES:** | |
| Referred by personal or HMO physician | 52.2 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 1.7 % |
| Admitted for emergency | 93.6 % |

| | |
|---|---|
| **COMORBIDITIES:** | |
| Cancer | 4.8 % |
| Chronic cardiovascular disease | 38.8 % |
| Chronic liver disease | 0.4 % |
| Chronic renal disease | 1.6 % |
| Chronic pulmonary disease | 37.6 % |
| Cerebrovascular degeneration | 1.7 % |
| Diabetes mellitus | 9.2 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | |
|---|---|
| **ORIGIN OF MEDICARE PATIENT ADMISSION:** | |
| County/City | 74.5% |
| State | 24.6% |
| Outside State | 0.9% |
| Total | 100.0% |

| | |
|---|---|
| **MEDICARE AVERAGE LENGTH OF STAY:** | |
| Hospital | 7.3 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | |
|---|---|
| **PROFILE:** | |
| Total Beds | 100 |
| Occupancy Rate | 57.0 % |
| Ownership/Control | Private, For Profit |
| Medicare Discharges | 46.6 % |
| Case Mix Index (CMI) | 1.2481 |
| **STAFFING:** | |
| Total Number of Physicians | 18 |
| Percent of Physicians Board Certified Specialists | 22.2 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 61 |
| Licensed Practical Nurses | 35 |

| | |
|---|---|
| **SPECIALTY SERVICES:** | |
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |
| **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | Yes |

** Except for CMI

*** Not used in calculating mortality rates**

# HUMANA HOSPITAL SHOALS

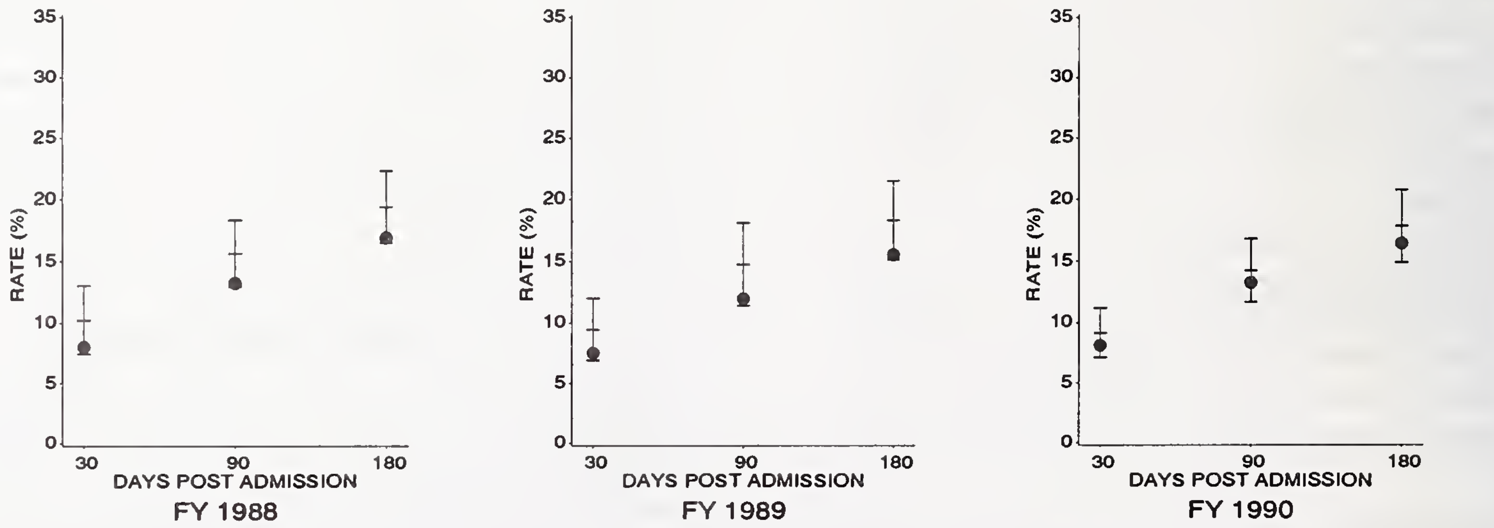
201 AVALON AVE BOX 3359
MUSCLE SHOALS, AL 35661
Medicare Provider Number: 010124

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 1371 | 8.1 | 9.1 | 1.0 | 13.2 | 14.2 | 1.3 | 16.4 | 17.8 | 1.5 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 24 | 25.0 | 24.7 | ----- | 29.2 | 27.4 | ----- | 29.2 | 30.3 | ----- |
| Congestive Heart Failure | 44 | 11.4 | 13.5 | ----- | 22.7 | 21.5 | ----- | 31.8 | 27.2 | ----- |
| Pneumonia/Influenza | 43 | 16.3 | 12.4 | ----- | 18.6 | 17.3 | ----- | 25.6 | 20.6 | ----- |
| Chronic Obstructive Pulmonary Disease | 43 | 0.0 | 6.2 | ----- | 7.0 | 11.1 | ----- | 7.0 | 14.8 | ----- |
| Transient Cerebral Ischemia | 37 | 0.0 | 1.8 | ----- | 5.4 | 3.9 | ----- | 8.1 | 6.1 | ----- |
| Stroke | 57 | 10.5 | 17.3 | 7.3 | 15.8 | 23.6 | 7.5 | 21.1 | 27.3 | 7.4 |
| Hip Fracture | 38 | 0.0 | 7.7 | ----- | 7.9 | 13.0 | ----- | 7.9 | 16.6 | ----- |
| Sepsis | 15 | 40.0 | 31.8 | ----- | 53.3 | 45.5 | ----- | 60.0 | 51.5 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 3 | 0.0 | 1.4 | ----- | 0.0 | 2.9 | ----- | 0.0 | 4.5 | ----- |
| Carotid Endarterectomy | 9 | 0.0 | 1.3 | ----- | 0.0 | 2.3 | ----- | 0.0 | 3.5 | ----- |
| Hip Replacement/Reconstruction | 16 | 0.0 | 4.7 | ----- | 6.3 | 8.3 | ----- | 6.3 | 10.9 | ----- |
| Open Reduction of Hip Fracture | 23 | 0.0 | 7.5 | ----- | 4.3 | 13.3 | ----- | 4.3 | 17.2 | ----- |
| Prostatectomy | 36 | 0.0 | 0.8 | ----- | 0.0 | 1.8 | ----- | 0.0 | 3.1 | ----- |
| Cholecystectomy | 22 | 4.5 | 2.4 | ----- | 4.5 | 4.6 | ----- | 4.5 | 6.4 | ----- |
| Hysterectomy | 7 | 0.0 | 0.1 | ----- | 0.0 | 0.2 | ----- | 0.0 | 0.4 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD)
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

# HUMANA HOSPITAL SHOALS

Medicare Provider Number: 010124

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 72.4 years |
| Proportion female | 52.7 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 43.8 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 12.3 % |
| Admitted for emergency | 61.1 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 9.9 % |
| Chronic cardiovascular disease | 38.2 % |
| Chronic liver disease | 0.9 % |
| Chronic renal disease | 1.1 % |
| Chronic pulmonary disease | 21.2 % |
| Cerebrovascular degeneration | 2.8 % |
| Diabetes mellitus | 10.6 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 66.4% |
| State | 30.6% |
| Outside State | 3.0% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 8.1 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 128 |
| Occupancy Rate | 64.0 % |
| Ownership/Control | Private, For Profit |
| Medicare Discharges | 48.0 % |
| Case Mix Index (CMI) | 1.2468 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | 51 |
| Percent of Physicians Board Certified Specialists | 72.5 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 123 |
| Licensed Practical Nurses | 60 |

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | Yes |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# HUNTSVILLE HOSPITAL

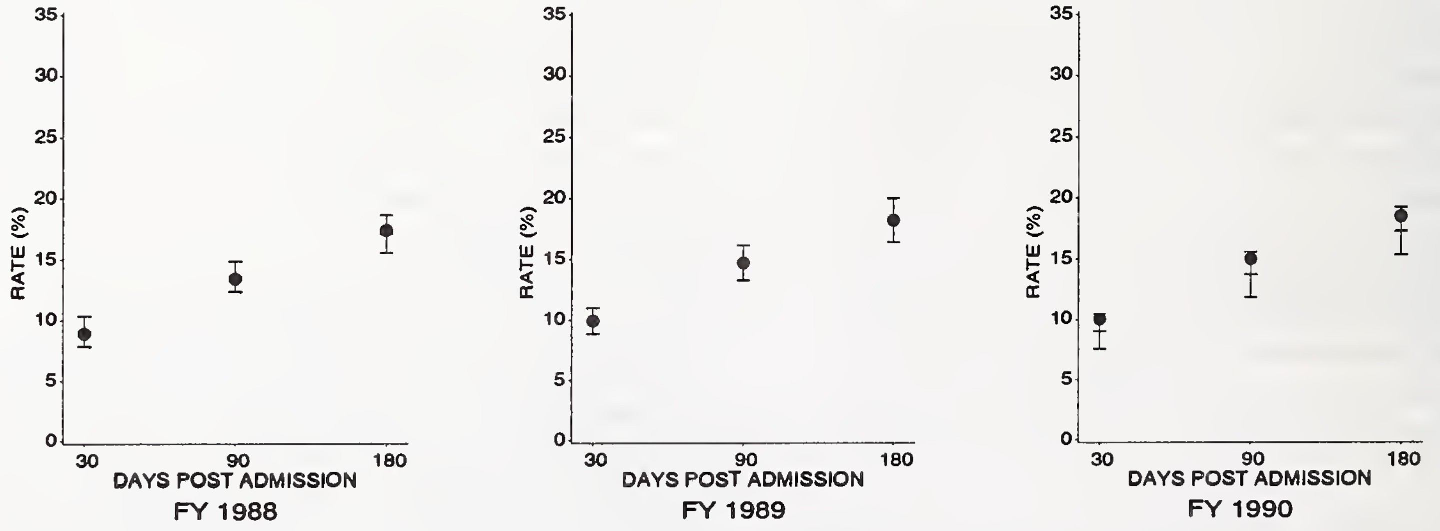
101 SIVLEY RD
HUNTSVILLE, AL 35801
Medicare Provider Number: 010039

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 3222 | 10.0 | 9.0 | 0.7 | 15.0 | 13.7 | 0.9 | 18.5 | 17.3 | 1.0 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 156 | 31.4 | 25.6 | 5.7 | 39.1 | 28.4 | 5.6 | 42.3 | 31.0 | 5.8 |
| Congestive Heart Failure | 177 | 16.9 | 13.3 | 4.7 | 27.7 | 21.3 | 5.5 | 32.8 | 27.5 | 5.8 |
| Pneumonia/Influenza | 118 | 19.5 | 16.4 | 4.9 | 23.7 | 22.4 | 4.0 | 26.3 | 26.0 | 4.4 |
| Chronic Obstructive Pulmonary Disease | 25 | 4.0 | 8.3 | ----- | 8.0 | 14.7 | ----- | 8.0 | 19.3 | ----- |
| Transient Cerebral Ischemia | 37 | 2.7 | 2.1 | ----- | 5.4 | 4.5 | ----- | 5.4 | 6.9 | ----- |
| Stroke | 105 | 18.1 | 20.6 | 4.5 | 24.8 | 25.9 | 4.4 | 28.6 | 29.5 | 4.6 |
| Hip Fracture | 74 | 6.8 | 7.0 | 3.0 | 14.9 | 12.3 | 4.5 | 17.6 | 15.9 | 4.9 |
| Sepsis | 30 | 13.3 | 21.6 | ----- | 26.7 | 27.6 | ----- | 36.7 | 31.7 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 68 | 1.5 | 3.6 | 3.4 | 2.9 | 4.6 | 3.6 | 5.9 | 5.6 | 3.8 |
| Coronary Artery Bypass Graft | 93 | 6.5 | 6.3 | 2.5 | 8.6 | 8.4 | 2.9 | 10.8 | 9.3 | 3.2 |
| Initial Pacemaker Insertion | 28 | 0.0 | 3.5 | ----- | 3.6 | 6.6 | ----- | 7.1 | 9.3 | ----- |
| Carotid Endarterectomy | 35 | 0.0 | 1.4 | ----- | 2.9 | 2.6 | ----- | 8.6 | 3.8 | ----- |
| Hip Replacement/Reconstruction | 65 | 7.7 | 3.8 | 4.1 | 10.8 | 7.3 | 4.8 | 12.3 | 10.1 | 4.9 |
| Open Reduction of Hip Fracture | 37 | 0.0 | 6.2 | ----- | 10.8 | 10.9 | ----- | 16.2 | 14.0 | ----- |
| Prostatectomy | 55 | 5.5 | 1.1 | 3.6 | 5.5 | 2.4 | 4.0 | 9.1 | 4.1 | 5.3 |
| Cholecystectomy | 70 | 1.4 | 2.5 | 2.6 | 1.4 | 4.7 | 4.0 | 1.4 | 6.3 | 5.1 |
| Hysterectomy | 16 | 0.0 | 0.1 | ----- | 0.0 | 0.2 | ----- | 0.0 | 0.4 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

# HUNTSVILLE HOSPITAL
Medicare Provider Number: 010039

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | |
|---|---|
| DEMOGRAPHICS: | |
| Average age at admission | 71.3 years |
| Proportion female | 52.2 % |
| ADMISSION SOURCES/TYPES: | |
| Referred by personal or HMO physician | 46.1 % |
| Transferred from skilled nursing facility | 1.0 % |
| Admitted for elective procedure | 27.7 % |
| Admitted for emergency | 51.4 % |

| | |
|---|---|
| COMORBIDITIES: | |
| Cancer | 8.8 % |
| Chronic cardiovascular disease | 41.9 % |
| Chronic liver disease | 1.0 % |
| Chronic renal disease | 5.3 % |
| Chronic pulmonary disease | 16.4 % |
| Cerebrovascular degeneration | 2.4 % |
| Diabetes mellitus | 9.3 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | |
|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | |
| County/City | 52.8% |
| State | 36.9% |
| Outside State | 10.3% |
| Total | 100.0% |

| | |
|---|---|
| MEDICARE AVERAGE LENGTH OF STAY: | |
| Hospital | 8.3 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | |
|---|---|
| PROFILE: | |
| Total Beds | 487 |
| Occupancy Rate | 72.0 % |
| Ownership/Control | District/Authority |
| Medicare Discharges | 26.5 % |
| Case Mix Index (CMI) | 1.5641 |
| STAFFING: | |
| Total Number of Physicians | 304 |
| Percent of Physicians Board Certified Specialists | 65.8 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 515 |
| Licensed Practical Nurses | 154 |

| | |
|---|---|
| SPECIALTY SERVICES: | |
| Burn Unit | No |
| Cardiac Intensive Care | Yes |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | Yes |
| Trauma Center | Yes |
| OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | Yes |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# J PAUL JONES HOSPITAL

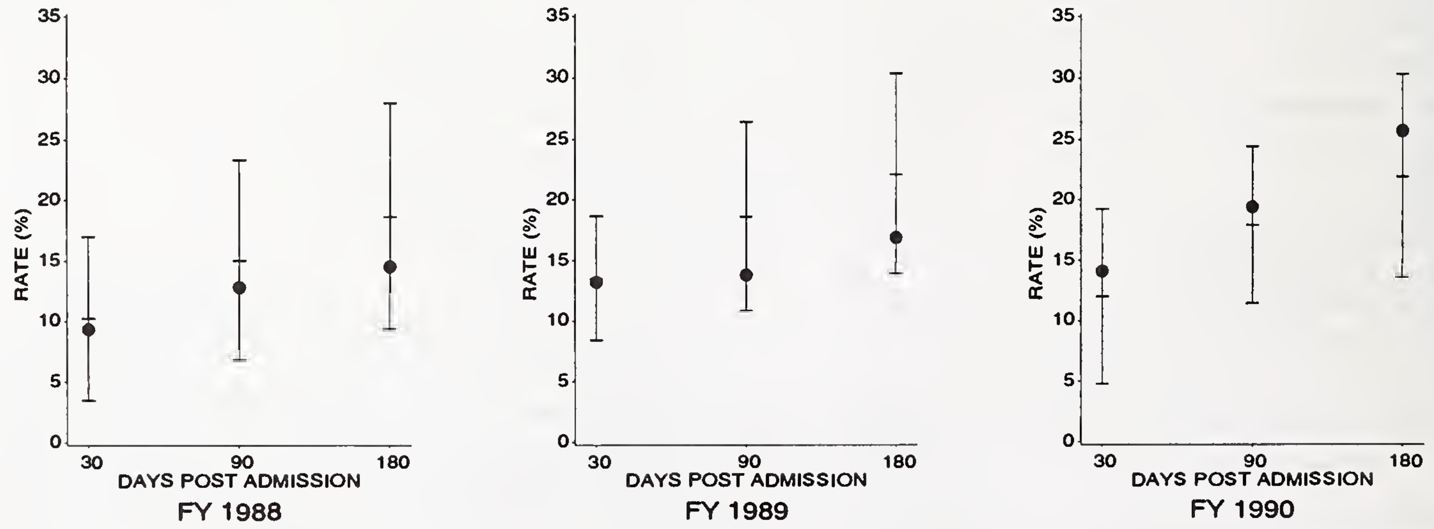
MCWILLIAMS AVENUE DRAWER B
CAMDEN, AL 36726
Medicare Provider Number: 010102

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 191 | 14.1 | 12.0 | 3.6 | 19.4 | 17.9 | 3.2 | 25.7 | 21.9 | 4.2 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 3 | 33.3 | 29.9 | ----- | 33.3 | 34.7 | ----- | 33.3 | 38.1 | ----- |
| Congestive Heart Failure | 14 | 21.4 | 16.6 | ----- | 21.4 | 25.6 | ----- | 42.9 | 32.0 | ----- |
| Pneumonia/Influenza | 25 | 20.0 | 15.7 | ----- | 36.0 | 21.3 | ----- | 40.0 | 25.3 | ----- |
| Chronic Obstructive Pulmonary Disease | 11 | 18.2 | 15.5 | ----- | 18.2 | 25.6 | ----- | 27.3 | 31.6 | ----- |
| Transient Cerebral Ischemia | 10 | 0.0 | 2.2 | ----- | 0.0 | 4.6 | ----- | 0.0 | 7.1 | ----- |
| Stroke | 13 | 38.5 | 18.3 | ----- | 38.5 | 25.1 | ----- | 38.5 | 28.8 | ----- |
| Hip Fracture | 0 | | | | | | | | | |
| Sepsis | 2 | 0.0 | 31.7 | ----- | 0.0 | 37.7 | ----- | 0.0 | 41.0 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 0 | | | | | | | | | |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# J PAUL JONES HOSPITAL

Medicare Provider Number: 010102

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 76.5 years |
| Proportion female | 54.5 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 37.7 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.0 % |
| Admitted for emergency | 59.7 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 5.2 % |
| Chronic cardiovascular disease | 44.0 % |
| Chronic liver disease | 0.5 % |
| Chronic renal disease | 8.4 % |
| Chronic pulmonary disease | 16.2 % |
| Cerebrovascular degeneration | 5.8 % |
| Diabetes mellitus | 10.5 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 89.2% |
| State | 9.9% |
| Outside State | 0.9% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 4.1 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 32 |
| Occupancy Rate | 18.0 % |
| Ownership/Control | Local Government |
| Medicare Discharges | 51.8 % |
| Case Mix Index (CMI) | 0.9200 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | 4 |
| Percent of Physicians Board Certified Specialists | (Not Available) |
| Medical Residents/Interns | 0 |
| Registered Nurses | 7 |
| Licensed Practical Nurses | 3 |

** Except for CMI

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | No |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

*** Not used in calculating mortality rates**

# JACKSON COUNTY HOSPITAL

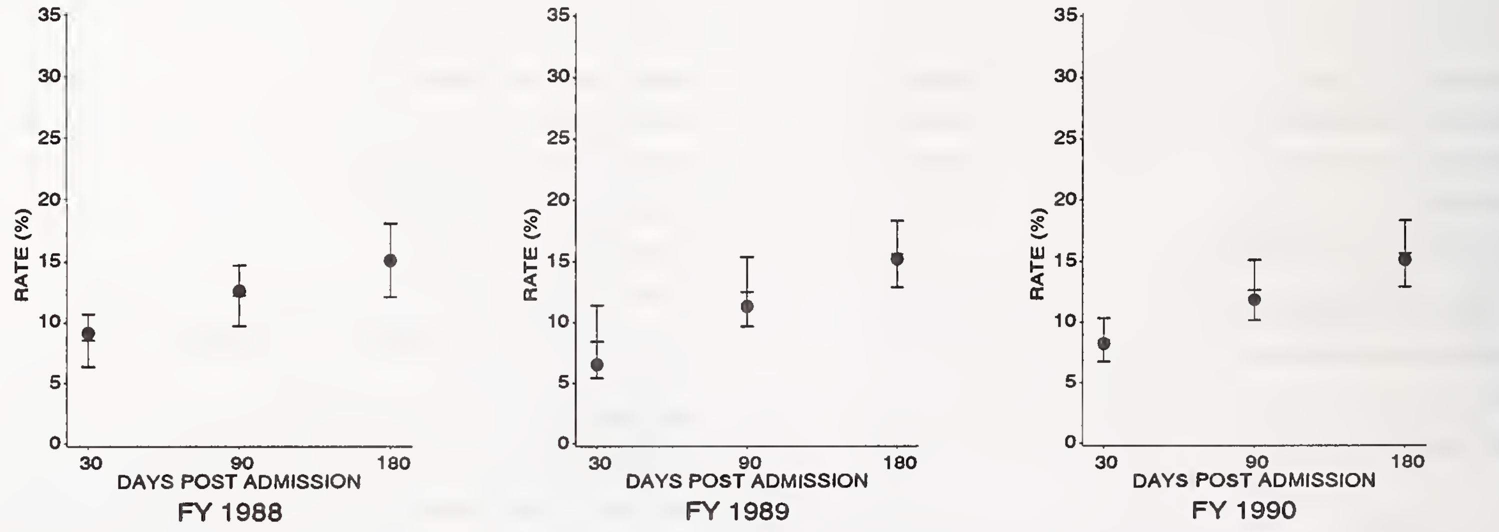
WOODS COVE ROAD BOX 1050
SCOTTSBORO, AL 35768
Medicare Provider Number: 010061

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 1073 | 8.2 | 8.5 | 0.9 | 11.8 | 12.6 | 1.2 | 15.1 | 15.6 | 1.4 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 54 | 35.2 | 31.6 | 8.5 | 40.7 | 34.5 | 9.8 | 42.6 | 37.2 | 10.4 |
| Congestive Heart Failure | 59 | 10.2 | 13.5 | 4.9 | 15.3 | 21.7 | 7.5 | 25.4 | 27.7 | 9.7 |
| Pneumonia/Influenza | 91 | 17.6 | 14.0 | 4.7 | 19.8 | 18.8 | 4.4 | 24.2 | 22.1 | 4.5 |
| Chronic Obstructive Pulmonary Disease | 35 | 0.0 | 5.0 | ----- | 0.0 | 9.0 | ----- | 2.9 | 12.2 | ----- |
| Transient Cerebral Ischemia | 15 | 0.0 | 1.6 | ----- | 0.0 | 3.6 | ----- | 0.0 | 5.8 | ----- |
| Stroke | 40 | 30.0 | 18.0 | ----- | 32.5 | 24.8 | ----- | 42.5 | 28.3 | ----- |
| Hip Fracture | 19 | 0.0 | 4.8 | ----- | 0.0 | 8.4 | ----- | 0.0 | 11.2 | ----- |
| Sepsis | 10 | 0.0 | 19.1 | ----- | 20.0 | 26.3 | ----- | 20.0 | 30.5 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 7 | 0.0 | 4.6 | ----- | 0.0 | 8.3 | ----- | 0.0 | 11.2 | ----- |
| Open Reduction of Hip Fracture | 12 | 0.0 | 4.1 | ----- | 0.0 | 7.4 | ----- | 0.0 | 10.0 | ----- |
| Prostatectomy | 22 | 0.0 | 1.1 | ----- | 0.0 | 2.4 | ----- | 4.5 | 3.9 | ----- |
| Cholecystectomy | 9 | 0.0 | 2.1 | ----- | 0.0 | 3.5 | ----- | 0.0 | 4.5 | ----- |
| Hysterectomy | 7 | 0.0 | 0.2 | ----- | 0.0 | 0.4 | ----- | 0.0 | 0.6 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# JACKSON COUNTY HOSPITAL
Medicare Provider Number: 010061

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 72.8 years |
| Proportion female | 59.8 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 49.3 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 2.1 % |
| Admitted for emergency | 59.0 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 4.5 % |
| Chronic cardiovascular disease | 40.0 % |
| Chronic liver disease | 0.5 % |
| Chronic renal disease | 3.0 % |
| Chronic pulmonary disease | 16.8 % |
| Cerebrovascular degeneration | 2.1 % |
| Diabetes mellitus | 9.2 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 83.4% |
| State | 15.7% |
| Outside State | 0.9% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 7.5 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 182 |
| Occupancy Rate | 62.0 % |
| Ownership/Control | Local Government |
| Medicare Discharges | (Not Available) |
| Case Mix Index (CMI) | 0.9892 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | 51 |
| Percent of Physicians Board Certified Specialists | 23.5 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 86 |
| Licensed Practical Nurses | 39 |

** Except for CMI

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | Yes |

* Not used in calculating mortality rates

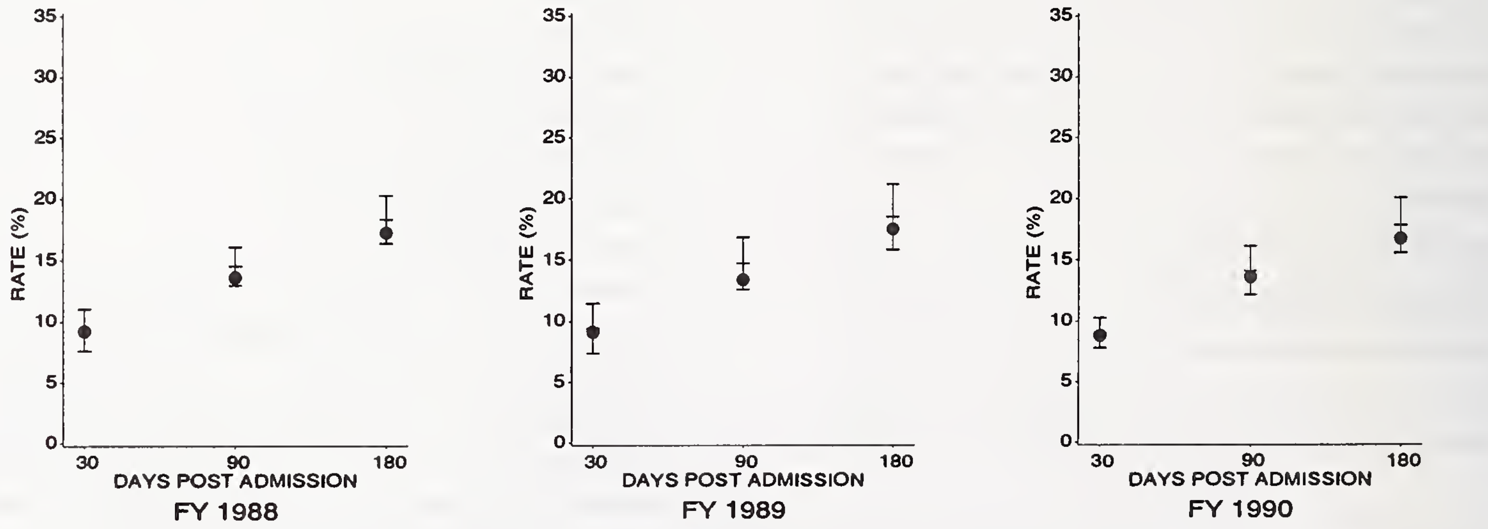
# JACKSON HOSPITAL & CLINIC INC
1235 FOREST AVE
MONTGOMERY, AL 36106
Medicare Provider Number: 010024

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 2469 | 8.8 | 9.0 | 0.6 | 13.6 | 14.1 | 1.0 | 16.7 | 17.8 | 1.1 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 36 | 27.8 | 26.0 | ----- | 38.9 | 30.2 | ----- | 41.7 | 33.5 | ----- |
| Congestive Heart Failure | 109 | 12.8 | 13.8 | 3.4 | 18.3 | 22.1 | 4.7 | 25.7 | 28.5 | 5.7 |
| Pneumonia/Influenza | 94 | 21.3 | 15.2 | 6.3 | 29.8 | 20.7 | 8.1 | 33.0 | 24.5 | 8.1 |
| Chronic Obstructive Pulmonary Disease | 47 | 12.8 | 9.2 | ----- | 17.0 | 16.1 | ----- | 21.3 | 21.2 | ----- |
| Transient Cerebral Ischemia | 54 | 3.7 | 2.2 | 2.4 | 3.7 | 4.6 | 3.7 | 5.6 | 7.2 | 5.4 |
| Stroke | 100 | 27.0 | 22.0 | 5.6 | 30.0 | 28.6 | 4.8 | 34.0 | 32.3 | 4.9 |
| Hip Fracture | 56 | 1.8 | 7.0 | 4.8 | 7.1 | 12.5 | 6.8 | 7.1 | 16.2 | 8.3 |
| Sepsis | 24 | 20.8 | 27.9 | ----- | 29.2 | 35.8 | ----- | 29.2 | 40.2 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 24 | 0.0 | 2.8 | ----- | 0.0 | 5.8 | ----- | 4.2 | 8.8 | ----- |
| Carotid Endarterectomy | 16 | 6.3 | 2.0 | ----- | 6.3 | 3.7 | ----- | 6.3 | 5.3 | ----- |
| Hip Replacement/Reconstruction | 33 | 3.0 | 4.6 | ----- | 6.1 | 8.6 | ----- | 6.1 | 11.4 | ----- |
| Open Reduction of Hip Fracture | 28 | 3.6 | 6.4 | ----- | 10.7 | 12.0 | ----- | 10.7 | 16.0 | ----- |
| Prostatectomy | 134 | 0.0 | 1.2 | 1.3 | 0.0 | 2.8 | 2.5 | 0.7 | 4.9 | 3.3 |
| Cholecystectomy | 35 | 5.7 | 1.4 | ----- | 5.7 | 2.7 | ----- | 5.7 | 3.6 | ----- |
| Hysterectomy | 14 | 0.0 | 0.8 | ----- | 0.0 | 1.9 | ----- | 0.0 | 3.2 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# JACKSON HOSPITAL & CLINIC INC

Medicare Provider Number: 010024

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | | | |
|---|---|---|---|
| DEMOGRAPHICS: | | COMORBIDITIES: | |
| Average age at admission | 73.7 years | Cancer | 10.0 % |
| Proportion female | 58.6 % | Chronic cardiovascular disease | 38.9 % |
| ADMISSION SOURCES/TYPES: | | Chronic liver disease | 1.0 % |
| Referred by personal or HMO physician | 68.2 % | Chronic renal disease | 6.8 % |
| Transferred from skilled nursing facility | 0.0 % | Chronic pulmonary disease | 27.2 % |
| Admitted for elective procedure | 3.3 % | Cerebrovascular degeneration | 2.5 % |
| Admitted for emergency | 79.3 % | Diabetes mellitus | 9.0 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | | | |
|---|---|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | | MEDICARE AVERAGE LENGTH OF STAY: | |
| County/City | 64.6% | Hospital | 7.5 Days |
| State | 33.7% | State | 7.9 Days |
| Outside State | 1.7% | National | 8.6 Days |
| Total | 100.0% | | |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | | | |
|---|---|---|---|
| PROFILE: | | SPECIALTY SERVICES: | |
| Total Beds | 280 | Burn Unit | No |
| Occupancy Rate | 64.0 % | Cardiac Intensive Care | Yes |
| Ownership.Control | Private, Non-Profit | Comprehensive Geriatric | No |
| Medicare Discharges | 33.1 % | Hospice Care | No |
| Case Mix Index (CMI) | 1.2387 | Medical/Surgical Intensive Care | Yes |
| STAFFING: | | Organ/Tissue Transplant | No |
| Total Number of Physicians | 100 | Other Intensive Care | No |
| Percent of Physicians Board Certified Specialists | 78.0 % | Trauma Center | No |
| | | OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| Medical Residents/Interns | 0 | Alcohol/Drug | No |
| Registered Nurses | 287 | Rehabilitation | No |
| Licensed Practical Nurses | 77 | Psychiatric | Yes |
| | | Medicare Swing Beds | No |

** Except for CMI

* Not used in calculating mortality rates

# JACKSONVILLE HOSPITAL

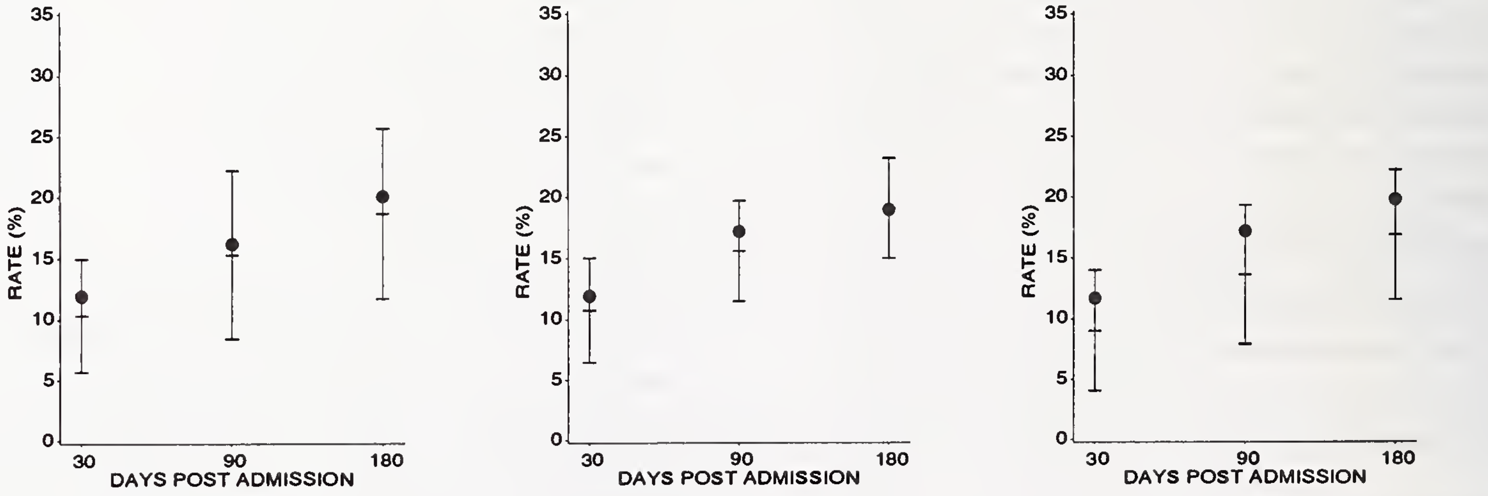
S PELHAM RD BOX 999
JACKSONVILLE, AL 36265
Medicare Provider Number: 010146

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 384 | 11.7 | 9.0 | 2.5 | 17.2 | 13.6 | 2.9 | 19.8 | 16.9 | 2.7 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 15 | 6.7 | 21.7 | ----- | 6.7 | 24.6 | ----- | 6.7 | 26.6 | ----- |
| Congestive Heart Failure | 16 | 18.8 | 13.1 | ----- | 18.8 | 20.8 | ----- | 25.0 | 26.7 | ----- |
| Pneumonia/Influenza | 44 | 20.5 | 14.6 | ----- | 25.0 | 20.1 | ----- | 31.8 | 23.9 | ----- |
| Chronic Obstructive Pulmonary Disease | 6 | 0.0 | 5.3 | ----- | 0.0 | 10.1 | ----- | 0.0 | 14.4 | ----- |
| Transient Cerebral Ischemia | 3 | 0.0 | 3.1 | ----- | 0.0 | 6.8 | ----- | 0.0 | 10.7 | ----- |
| Stroke | 21 | 28.6 | 15.9 | ----- | 38.1 | 21.7 | ----- | 47.6 | 25.6 | ----- |
| Hip Fracture | 8 | 37.5 | 5.4 | ----- | 50.0 | 9.1 | ----- | 50.0 | 12.2 | ----- |
| Sepsis | 0 | | | | | | | | | |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 1 | 0.0 | 5.3 | ----- | 100.0 | 8.6 | ----- | 100.0 | 11.7 | ----- |
| Open Reduction of Hip Fracture | 5 | 40.0 | 4.5 | ----- | 40.0 | 8.1 | ----- | 40.0 | 10.9 | ----- |
| Prostatectomy | 31 | 0.0 | 1.0 | ----- | 3.2 | 2.1 | ----- | 3.2 | 3.6 | ----- |
| Cholecystectomy | 5 | 0.0 | 2.4 | ----- | 20.0 | 3.9 | ----- | 20.0 | 4.6 | ----- |
| Hysterectomy | 3 | 0.0 | 0.1 | ----- | 0.0 | 0.3 | ----- | 0.0 | 0.6 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

# JACKSONVILLE HOSPITAL
Medicare Provider Number: 010146

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | |
|---|---|
| **DEMOGRAPHICS:** | |
| Average age at admission | 73.2 years |
| Proportion female | 51.8 % |
| **ADMISSION SOURCES/TYPES:** | |
| Referred by personal or HMO physician | 45.6 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.0 % |
| Admitted for emergency | 54.7 % |

| | |
|---|---|
| **COMORBIDITIES:** | |
| Cancer | 6.0 % |
| Chronic cardiovascular disease | 29.7 % |
| Chronic liver disease | 0.8 % |
| Chronic renal disease | 3.6 % |
| Chronic pulmonary disease | 28.9 % |
| Cerebrovascular degeneration | 2.3 % |
| Diabetes mellitus | 7.3 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | |
|---|---|
| **ORIGIN OF MEDICARE PATIENT ADMISSION:** | |
| County/City | 91.2% |
| State | 7.1% |
| Outside State | 1.7% |
| Total | 100.0% |

| | |
|---|---|
| **MEDICARE AVERAGE LENGTH OF STAY:** | |
| Hospital | 6.7 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1990

| | |
|---|---|
| **PROFILE:** | |
| Total Beds | 89 |
| Ownership/Control | Local Government |
| Case Mix Index (CMI) | 1.1338 |
| **STAFFING:** | |
| Medical Residents/Interns | 0 |
| Registered Nurses | 50 |
| Licensed Practical Nurses | 16 |

| | |
|---|---|
| **SPECIALTY SERVICES:** | |
| Burn Unit | No |
| Coronary Care Unit | No |
| Hospice Care | No |
| Intensive Care Unit | Yes |
| Organ Transplant | No |
| Trauma Center | No |
| **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | Yes |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# L V STABLER MEMORIAL HOSPITAL

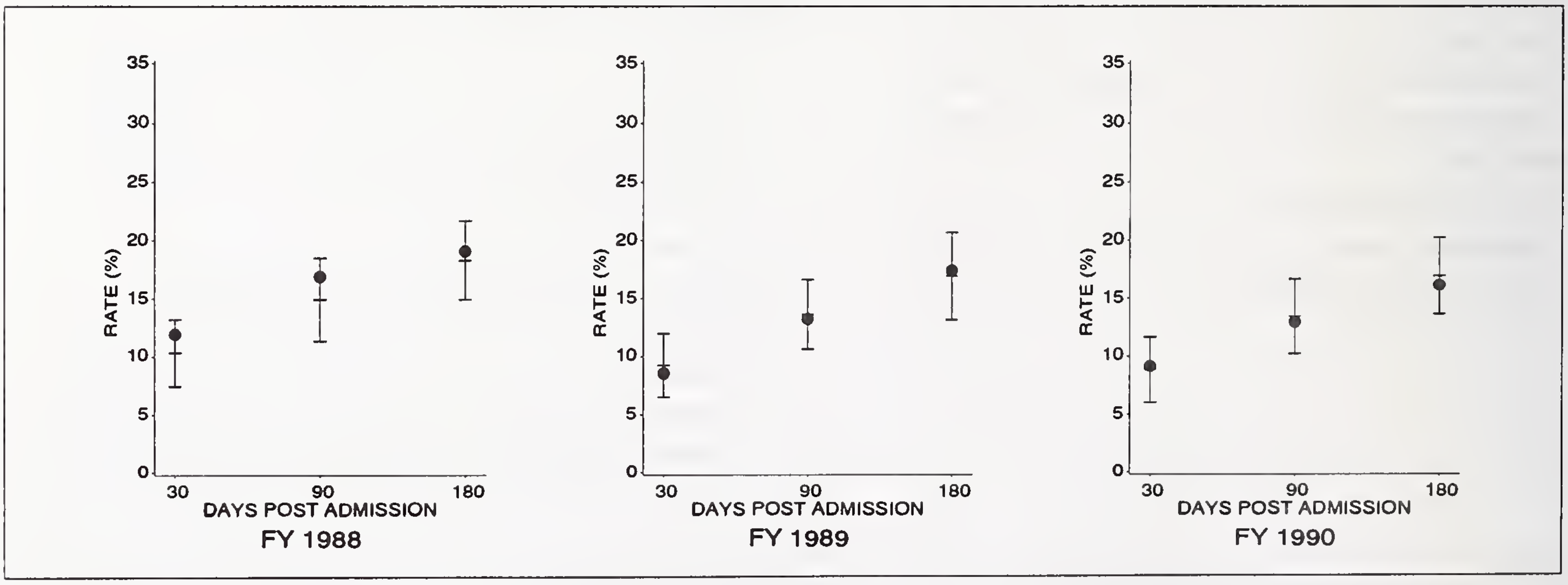
HIGHWAY 10 W BOX 1000
GREENVILLE, AL 36037
Medicare Provider Number: 010150

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | PRED | SD* | 90 DAYS OBS | PRED | SD* | 180 DAYS OBS | PRED | SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 684 | 9.1 | 8.8 | 1.4 | 12.9 | 13.4 | 1.6 | 16.1 | 16.9 | 1.7 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 21 | 52.4 | 34.8 | ----- | 57.1 | 39.8 | ----- | 57.1 | 43.8 | ----- |
| Congestive Heart Failure | 46 | 10.9 | 14.0 | ----- | 13.0 | 22.5 | ----- | 15.2 | 28.5 | ----- |
| Pneumonia/Influenza | 37 | 10.8 | 12.1 | ----- | 13.5 | 16.6 | ----- | 13.5 | 19.7 | ----- |
| Chronic Obstructive Pulmonary Disease | 19 | 15.8 | 6.8 | ----- | 15.8 | 12.7 | ----- | 26.3 | 17.9 | ----- |
| Transient Cerebral Ischemia | 8 | 0.0 | 1.8 | ----- | 0.0 | 4.0 | ----- | 0.0 | 6.8 | ----- |
| Stroke | 39 | 10.3 | 18.9 | ----- | 20.5 | 25.3 | ----- | 25.6 | 29.0 | ----- |
| Hip Fracture | 6 | 16.7 | 7.5 | ----- | 16.7 | 13.3 | ----- | 33.3 | 17.3 | ----- |
| Sepsis | 4 | 25.0 | 20.7 | ----- | 50.0 | 27.8 | ----- | 50.0 | 32.3 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 3 | 33.3 | 5.8 | ----- | 33.3 | 11.0 | ----- | 33.3 | 15.0 | ----- |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 13 | 7.7 | 4.3 | ----- | 7.7 | 6.9 | ----- | 7.7 | 8.4 | ----- |
| Hysterectomy | 4 | 0.0 | 1.2 | ----- | 0.0 | 2.0 | ----- | 0.0 | 3.0 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# L V STABLER MEMORIAL HOSPITAL

Medicare Provider Number: 010150

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | | | |
|---|---|---|---|
| DEMOGRAPHICS: | | COMORBIDITIES: | |
| Average age at admission | 75.6 years | Cancer | 4.8 % |
| Proportion female | 60.1 % | Chronic cardiovascular disease | 33.5 % |
| ADMISSION SOURCES/TYPES: | | Chronic liver disease | 0.9 % |
| Referred by personal or HMO physician | 45.2 % | Chronic renal disease | 2.5 % |
| Transferred from skilled nursing facility | 0.0 % | Chronic pulmonary disease | 18.4 % |
| Admitted for elective procedure | 0.0 % | Cerebrovascular degeneration | 1.6 % |
| Admitted for emergency | 50.3 % | Diabetes mellitus | 11.4 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | | | |
|---|---|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | | MEDICARE AVERAGE LENGTH OF STAY: | |
| County/City | 0.0% | Hospital | 6.4 Days |
| State | 99.0% | State | 7.9 Days |
| Outside State | 1.0% | National | 8.6 Days |
| Total | 100.0% | | |

## HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1991

| | | | |
|---|---|---|---|
| PROFILE: | | SPECIALTY SERVICES: | |
| Total Beds | 74 | Burn Unit | No |
| Ownership/Control | Private, For Profit | Coronary Care Unit | Yes |
| Case Mix Index (CMI) | 0.9698 | Hospice Care | No |
| STAFFING: | | Intensive Care Unit | Yes |
| Medical Residents/Interns | 0 | Organ Transplant | No |
| Registered Nurses | 22 | Trauma Center | No |
| Licensed Practical Nurses | 24 | OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| | | Alcohol/Drug | No |
| | | Rehabilitation | Yes |
| | | Psychiatric | No |
| | | Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# LAKESHORE COMMUNITY HOSPITAL

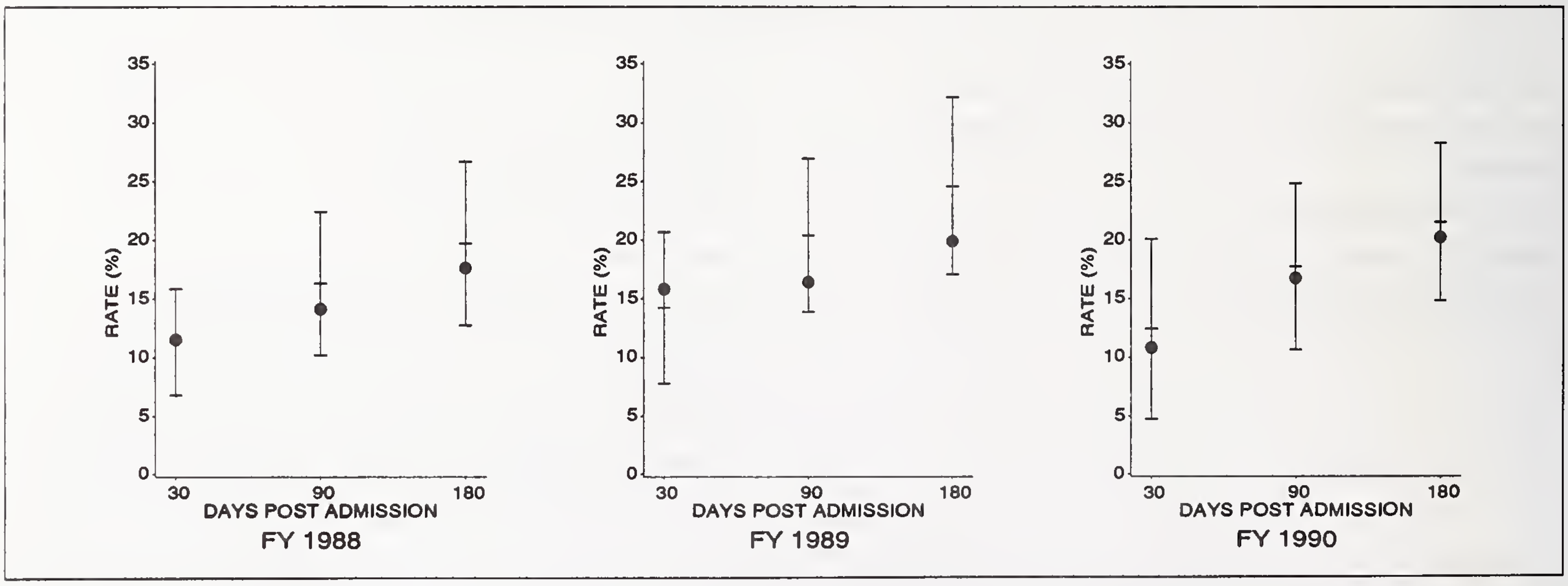
1231 SOUTH ST RT 4 BOX 278
DADEVILLE, AL 36853
Medicare Provider Number: 010052

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 203 | 10.8 | 12.4 | 3.8 | 16.7 | 17.7 | 3.6 | 20.2 | 21.5 | 3.4 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 8 | 12.5 | 29.0 | ----- | 25.0 | 32.9 | ----- | 37.5 | 35.6 | ----- |
| Congestive Heart Failure | 9 | 33.3 | 16.3 | ----- | 33.3 | 25.4 | ----- | 33.3 | 32.5 | ----- |
| Pneumonia/Influenza | 19 | 10.5 | 17.6 | ----- | 26.3 | 24.2 | ----- | 26.3 | 28.1 | ----- |
| Chronic Obstructive Pulmonary Disease | 5 | 20.0 | 6.0 | ----- | 20.0 | 10.6 | ----- | 20.0 | 13.9 | ----- |
| Transient Cerebral Ischemia | 4 | 0.0 | 3.5 | ----- | 25.0 | 8.1 | ----- | 25.0 | 12.9 | ----- |
| Stroke | 8 | 25.0 | 14.9 | ----- | 25.0 | 21.7 | ----- | 25.0 | 25.6 | ----- |
| Hip Fracture | 0 | | | | | | | | | |
| Sepsis | 5 | 20.0 | 24.6 | ----- | 20.0 | 33.7 | ----- | 20.0 | 38.9 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 0 | | | | | | | | | |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# LAKESHORE COMMUNITY HOSPITAL

Medicare Provider Number: 010052

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | |
|---|---|
| DEMOGRAPHICS: | |
| Average age at admission | 74.2 years |
| Proportion female | 63.1 % |
| ADMISSION SOURCES/TYPES: | |
| Referred by personal or HMO physician | 0.0 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.0 % |
| Admitted for emergency | 53.2 % |

| | |
|---|---|
| COMORBIDITIES: | |
| Cancer | 3.4 % |
| Chronic cardiovascular disease | 43.8 % |
| Chronic liver disease | 1.0 % |
| Chronic renal disease | 12.8 % |
| Chronic pulmonary disease | 27.1 % |
| Cerebrovascular degeneration | 6.4 % |
| Diabetes mellitus | 8.4 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | |
|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | |
| County/City | 86.7% |
| State | 13.0% |
| Outside State | 0.3% |
| Total | 100.0% |

| | |
|---|---|
| MEDICARE AVERAGE LENGTH OF STAY: | |
| Hospital | 3.9 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | |
|---|---|
| PROFILE: | |
| Total Beds | 46 |
| Occupancy Rate | 15.2 % |
| Ownership.Control | Private, Non-Profit |
| Medicare Discharges | 45.8 % |
| Case Mix Index (CMI) | 1.0149 |
| STAFFING: | |
| Total Number of Physicians | 11 |
| Percent of Physicians Board Certified Specialists | (Not Available) |
| Medical Residents/Interns | 0 |
| Registered Nurses | 16 |
| Licensed Practical Nurses | 5 |

| | |
|---|---|
| SPECIALTY SERVICES: | |
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | No |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |
| OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

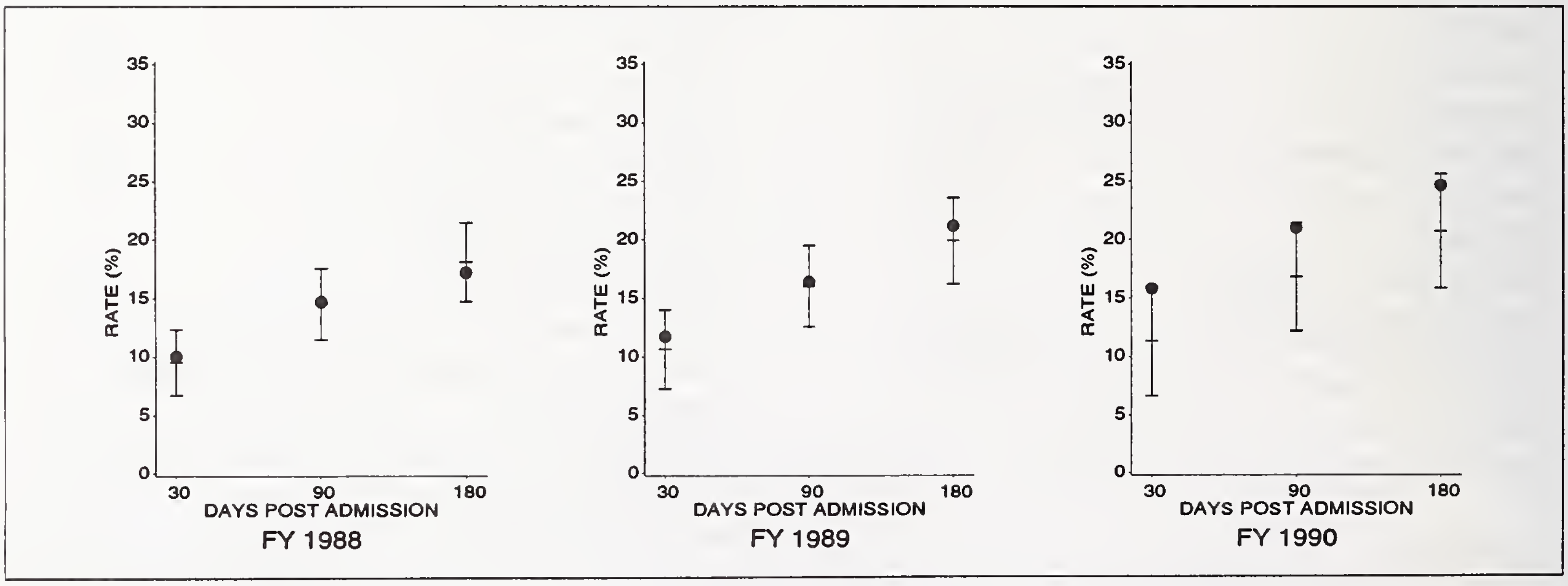
# LAKEVIEW COMMUNITY HOSPITAL
820 W WASHINGTON ST
EUFAULA, AL 36027
Medicare Provider Number: 010069

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 501 | 15.8 | 11.3 | 2.4 | 21.0 | 16.8 | 2.3 | 24.6 | 20.7 | 2.4 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 13 | 53.8 | 40.5 | ----- | 61.5 | 45.2 | ----- | 69.2 | 49.0 | ----- |
| Congestive Heart Failure | 50 | 8.0 | 13.4 | ----- | 14.0 | 21.7 | ----- | 14.0 | 27.9 | ----- |
| Pneumonia/Influenza | 23 | 21.7 | 17.6 | ----- | 21.7 | 24.2 | ----- | 26.1 | 28.4 | ----- |
| Chronic Obstructive Pulmonary Disease | 10 | 0.0 | 5.3 | ----- | 0.0 | 9.6 | ----- | 0.0 | 13.6 | ----- |
| Transient Cerebral Ischemia | 14 | 0.0 | 1.7 | ----- | 0.0 | 3.9 | ----- | 0.0 | 6.5 | ----- |
| Stroke | 18 | 38.9 | 20.9 | ----- | 38.9 | 28.0 | ----- | 44.4 | 32.8 | ----- |
| Hip Fracture | 0 | | | | | | | | | |
| Sepsis | 9 | 22.2 | 25.2 | ----- | 55.6 | 33.4 | ----- | 55.6 | 38.7 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 6 | 0.0 | 1.5 | ----- | 0.0 | 2.4 | ----- | 0.0 | 3.1 | ----- |
| Hysterectomy | 3 | 0.0 | 0.1 | ----- | 0.0 | 0.2 | ----- | 0.0 | 0.3 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# LAKEVIEW COMMUNITY HOSPITAL

Medicare Provider Number: 010069

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 74.7 years |
| Proportion female | 60.4 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 63.7 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.2 % |
| Admitted for emergency | 78.5 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 6.2 % |
| Chronic cardiovascular disease | 36.3 % |
| Chronic liver disease | 1.0 % |
| Chronic renal disease | 7.6 % |
| Chronic pulmonary disease | 25.3 % |
| Cerebrovascular degeneration | 3.6 % |
| Diabetes mellitus | 12.7 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 75.9% |
| State | 11.8% |
| Outside State | 12.3% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 6.3 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 74 |
| Occupancy Rate | 31.0 % |
| Ownership/Control | Private, For Profit |
| Medicare Discharges | 58.5 % |
| Case Mix Index (CMI) | 1.1279 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | 13 |
| Percent of Physicians Board Certified Specialists | 38.5 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 29 |
| Licensed Practical Nurses | 16 |

** Except for CMI

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

*** Not used in calculating mortality rates**

# LAMAR REGIONAL HOSPITAL

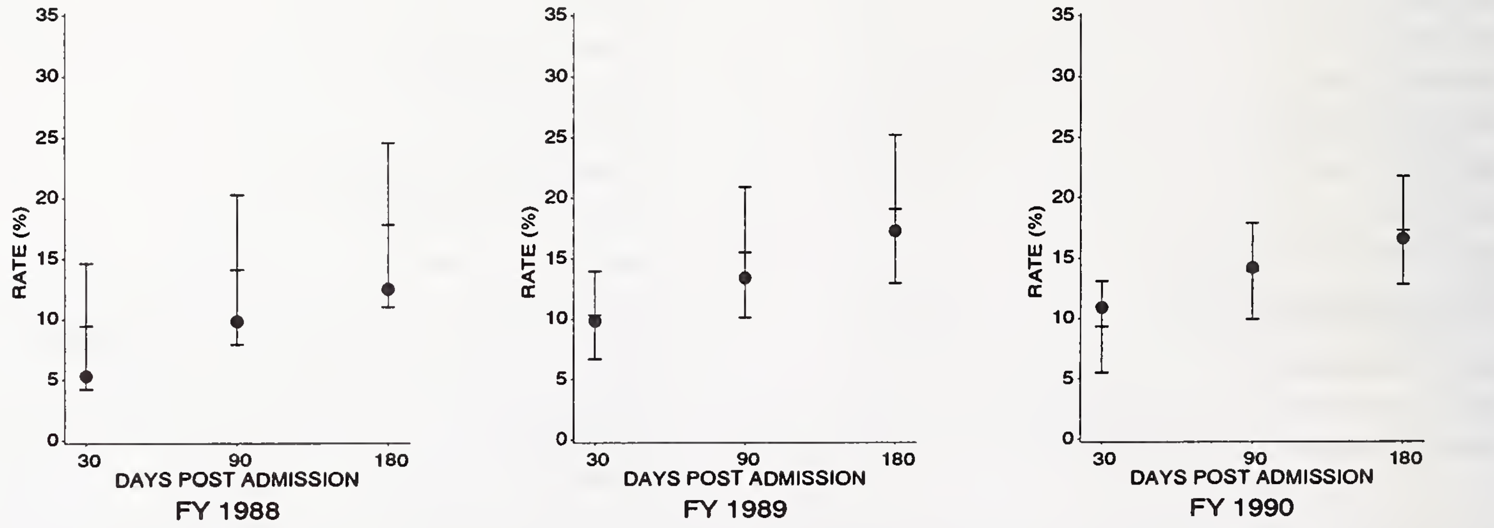
507 5TH ST SW BOX 308
VERNON, AL 35592
Medicare Provider Number: 010080

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | PRED | SD* | 90 DAYS OBS | PRED | SD* | 180 DAYS OBS | PRED | SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 331 | 10.9 | 9.3 | 1.9 | 14.2 | 13.9 | 2.0 | 16.6 | 17.3 | 2.2 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 7 | 57.1 | 21.6 | ----- | 71.4 | 26.1 | ----- | 71.4 | 29.9 | ----- |
| Congestive Heart Failure | 14 | 21.4 | 14.6 | ----- | 28.6 | 23.4 | ----- | 35.7 | 29.7 | ----- |
| Pneumonia/Influenza | 19 | 5.3 | 12.4 | ----- | 5.3 | 16.7 | ----- | 5.3 | 19.5 | ----- |
| Chronic Obstructive Pulmonary Disease | 10 | 10.0 | 6.6 | ----- | 10.0 | 12.0 | ----- | 10.0 | 16.4 | ----- |
| Transient Cerebral Ischemia | 22 | 4.5 | 2.3 | ----- | 4.5 | 5.2 | ----- | 9.1 | 8.5 | ----- |
| Stroke | 12 | 25.0 | 19.0 | ----- | 33.3 | 25.2 | ----- | 33.3 | 29.1 | ----- |
| Hip Fracture | 0 | | | | | | | | | |
| Sepsis | 4 | 25.0 | 27.0 | ----- | 25.0 | 37.4 | ----- | 25.0 | 42.8 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 3 | 0.0 | 3.4 | ----- | 0.0 | 5.8 | ----- | 0.0 | 7.2 | ----- |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

# LAMAR REGIONAL HOSPITAL

Medicare Provider Number: 010080

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | |
|---|---|
| **DEMOGRAPHICS:** | |
| Average age at admission | 74.6 years |
| Proportion female | 62.8 % |
| **ADMISSION SOURCES/TYPES:** | |
| Referred by personal or HMO physician | 39.6 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.0 % |
| Admitted for emergency | 2.1 % |

| | |
|---|---|
| **COMORBIDITIES:** | |
| Cancer | 4.8 % |
| Chronic cardiovascular disease | 52.0 % |
| Chronic liver disease | 0.3 % |
| Chronic renal disease | 6.3 % |
| Chronic pulmonary disease | 20.8 % |
| Cerebrovascular degeneration | 3.3 % |
| Diabetes mellitus | 9.7 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | |
|---|---|
| **ORIGIN OF MEDICARE PATIENT ADMISSION:** | |
| County/City | 83.7% |
| State | 12.0% |
| Outside State | 4.3% |
| Total | 100.0% |

| | |
|---|---|
| **MEDICARE AVERAGE LENGTH OF STAY:** | |
| Hospital | 7.4 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | |
|---|---|
| **PROFILE:** | |
| Total Beds | 70 |
| Occupancy Rate | 22.0 % |
| Ownership/Control | Private, For Profit |
| Medicare Discharges | 26.8 % |
| Case Mix Index (CMI) | 0.9804 |
| **STAFFING:** | |
| Total Number of Physicians | 24 |
| Percent of Physicians Board Certified Specialists | 54.2 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 10 |
| Licensed Practical Nurses | 0 |

| | |
|---|---|
| **SPECIALTY SERVICES:** | |
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | Yes |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |
| **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | Yes |

** Except for CMI

*** Not used in calculating mortality rates**

# LAWRENCE COUNTY HOSPITAL

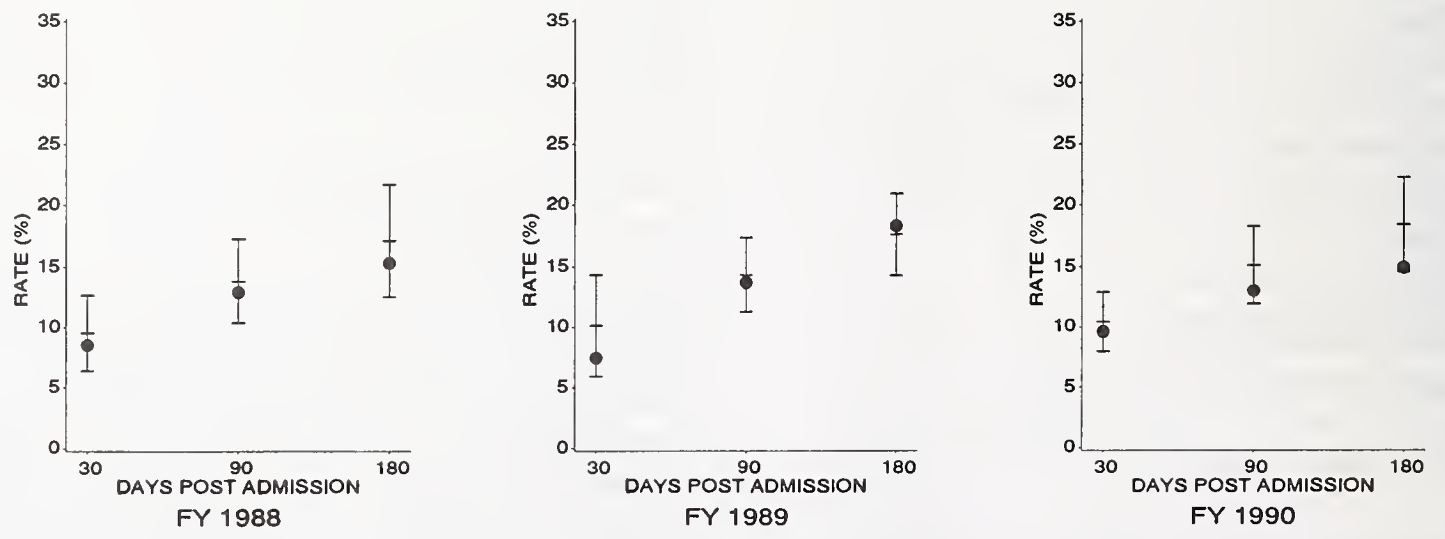
202 HOSPITAL ST
MOULTON, AL 35650
Medicare Provider Number: 010059

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 624 | 9.6 | 10.4 | 1.2 | 13.0 | 15.1 | 1.6 | 14.9 | 18.4 | 1.9 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 23 | 34.8 | 36.1 | ----- | 39.1 | 40.1 | ----- | 43.5 | 44.3 | ----- |
| Congestive Heart Failure | 27 | 3.7 | 14.1 | ----- | 7.4 | 22.4 | ----- | 7.4 | 28.2 | ----- |
| Pneumonia/Influenza | 76 | 13.2 | 15.6 | 4.9 | 18.4 | 21.4 | 5.1 | 22.4 | 25.0 | 5.4 |
| Chronic Obstructive Pulmonary Disease | 15 | 6.7 | 5.7 | ----- | 6.7 | 10.5 | ----- | 13.3 | 14.2 | ----- |
| Transient Cerebral Ischemia | 14 | 0.0 | 1.9 | ----- | 7.1 | 4.5 | ----- | 14.3 | 7.4 | ----- |
| Stroke | 26 | 3.8 | 17.3 | ----- | 11.5 | 23.5 | ----- | 11.5 | 27.6 | ----- |
| Hip Fracture | 0 | | | | | | | | | |
| Sepsis | 8 | 25.0 | 30.6 | ----- | 37.5 | 37.1 | ----- | 37.5 | 41.4 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 2 | 0.0 | 3.1 | ----- | 0.0 | 6.7 | ----- | 0.0 | 10.3 | ----- |
| Cholecystectomy | 5 | 0.0 | 1.2 | ----- | 0.0 | 2.3 | ----- | 0.0 | 3.3 | ----- |
| Hysterectomy | 1 | 0.0 | 0.1 | ----- | 0.0 | 0.3 | ----- | 0.0 | 0.4 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# LAWRENCE COUNTY HOSPITAL

Medicare Provider Number: 010059

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | |
|---|---|
| **DEMOGRAPHICS:** | |
| Average age at admission | 73.3 years |
| Proportion female | 55.9 % |
| **ADMISSION SOURCES/TYPES:** | |
| Referred by personal or HMO physician | 53.4 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.3 % |
| Admitted for emergency | 90.2 % |

| | |
|---|---|
| **COMORBIDITIES:** | |
| Cancer | 3.2 % |
| Chronic cardiovascular disease | 42.9 % |
| Chronic liver disease | 0.2 % |
| Chronic renal disease | 1.6 % |
| Chronic pulmonary disease | 29.0 % |
| Cerebrovascular degeneration | 3.5 % |
| Diabetes mellitus | 9.9 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | |
|---|---|
| **ORIGIN OF MEDICARE PATIENT ADMISSION:** | |
| County/City | 75.5% |
| State | 23.4% |
| Outside State | 1.1% |
| Total | 100.0% |

| | |
|---|---|
| **MEDICARE AVERAGE LENGTH OF STAY:** | |
| Hospital | 5.8 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | |
|---|---|
| **PROFILE:** | |
| Total Beds | 71 |
| Occupancy Rate | 50.0 % |
| Ownership/Control | Local Government |
| Medicare Discharges | 45.3 % |
| Case Mix Index (CMI) | 1.0189 |
| **STAFFING:** | |
| Total Number of Physicians | 12 |
| Percent of Physicians Board Certified Specialists | (Not Available) |
| Medical Residents/Interns | 0 |
| Registered Nurses | 41 |
| Licensed Practical Nurses | 20 |

| | |
|---|---|
| **SPECIALTY SERVICES:** | |
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | Yes |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |
| **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

* Not used in calculating mortality rates

# LLOYD NOLAND HOSPITAL

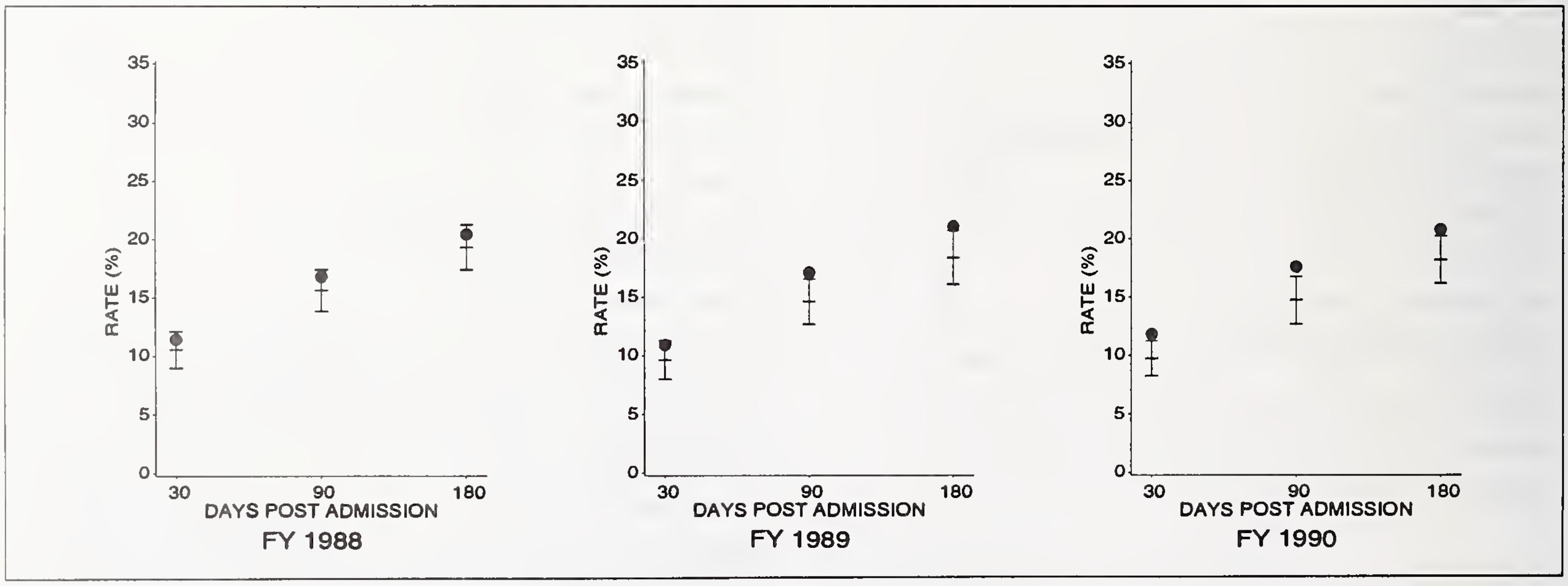
701 LLOYD NOLAND PRKWY
FAIRFIELD, AL 35064
Medicare Provider Number: 010068

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | PRED | SD* | 90 DAYS OBS | PRED | SD* | 180 DAYS OBS | PRED | SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 2448 | 11.8 | 9.7 | 0.8 | 17.6 | 14.7 | 1.0 | 20.8 | 18.2 | 1.0 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 71 | 28.2 | 27.1 | 6.0 | 29.6 | 29.9 | 6.3 | 32.4 | 32.4 | 6.2 |
| Congestive Heart Failure | 169 | 16.6 | 14.1 | 4.9 | 25.4 | 22.4 | 4.6 | 27.8 | 28.5 | 4.1 |
| Pneumonia/Influenza | 97 | 18.6 | 15.6 | 4.3 | 27.8 | 21.8 | 5.3 | 33.0 | 25.8 | 5.8 |
| Chronic Obstructive Pulmonary Disease | 32 | 3.1 | 7.7 | ----- | 9.4 | 13.5 | ----- | 15.6 | 17.9 | ----- |
| Transient Cerebral Ischemia | 29 | 6.9 | 1.2 | ----- | 10.3 | 2.7 | ----- | 10.3 | 4.5 | ----- |
| Stroke | 103 | 23.3 | 20.6 | 4.6 | 35.0 | 27.6 | 6.7 | 39.8 | 31.7 | 7.3 |
| Hip Fracture | 60 | 8.3 | 5.6 | 7.0 | 15.0 | 9.8 | 7.7 | 16.7 | 12.8 | 7.5 |
| Sepsis | 31 | 19.4 | 19.5 | ----- | 25.8 | 27.6 | ----- | 25.8 | 32.9 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 11 | 0.0 | 5.0 | ----- | 0.0 | 8.7 | ----- | 0.0 | 11.9 | ----- |
| Carotid Endarterectomy | 5 | 0.0 | 3.9 | ----- | 20.0 | 7.7 | ----- | 20.0 | 10.4 | ----- |
| Hip Replacement/Reconstruction | 26 | 3.8 | 4.8 | ----- | 11.5 | 8.8 | ----- | 11.5 | 11.6 | ----- |
| Open Reduction of Hip Fracture | 27 | 0.0 | 4.0 | ----- | 0.0 | 7.6 | ----- | 3.7 | 10.4 | ----- |
| Prostatectomy | 65 | 0.0 | 0.8 | 1.3 | 1.5 | 1.8 | 1.7 | 1.5 | 3.1 | 3.0 |
| Cholecystectomy | 49 | 2.0 | 1.8 | ----- | 4.1 | 3.4 | ----- | 4.1 | 4.5 | ----- |
| Hysterectomy | 27 | 0.0 | 0.6 | ----- | 0.0 | 1.3 | ----- | 0.0 | 2.1 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# LLOYD NOLAND HOSPITAL

Medicare Provider Number: 010068

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| DEMOGRAPHICS: | | COMORBIDITIES: | |
|---|---|---|---|
| Average age at admission | 74.5 years | Cancer | 8.7 % |
| Proportion female | 55.0 % | Chronic cardiovascular disease | 29.4 % |
| ADMISSION SOURCES/TYPES: | | Chronic liver disease | 0.6 % |
| Referred by personal or HMO physician | 0.5 % | Chronic renal disease | 3.5 % |
| Transferred from skilled nursing facility | 0.0 % | Chronic pulmonary disease | 12.9 % |
| Admitted for elective procedure | 28.0 % | Cerebrovascular degeneration | 4.3 % |
| Admitted for emergency | 35.8 % | Diabetes mellitus | 6.7 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| ORIGIN OF MEDICARE PATIENT ADMISSION: | | MEDICARE AVERAGE LENGTH OF STAY: | |
|---|---|---|---|
| County/City | 92.2% | Hospital | 7.8 Days |
| State | 6.6% | State | 7.9 Days |
| Outside State | 1.2% | National | 8.6 Days |
| Total | 100.0% | | |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| PROFILE: | | SPECIALTY SERVICES: | |
|---|---|---|---|
| Total Beds | 222 | Burn Unit | No |
| Occupancy Rate | 58.0 % | Cardiac Intensive Care | Yes |
| Ownership.Control | Private, Non-Profit | Comprehensive Geriatric | Yes |
| Medicare Discharges | 69.5 % | Hospice Care | No |
| Case Mix Index (CMI) | 1.1751 | Medical/Surgical Intensive Care | Yes |
| STAFFING: | | Organ/Tissue Transplant | No |
| Total Number of Physicians | 65 | Other Intensive Care | No |
| Percent of Physicians Board Certified Specialists | 75.4 % | Trauma Center | No |
| | | OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| Medical Residents/Interns | 10 | Alcohol/Drug | Yes |
| Registered Nurses | 140 | Rehabilitation | No |
| Licensed Practical Nurses | 31 | Psychiatric | Yes |
| | | Medicare Swing Beds | No |

** Except for CMI

* Not used in calculating mortality rates

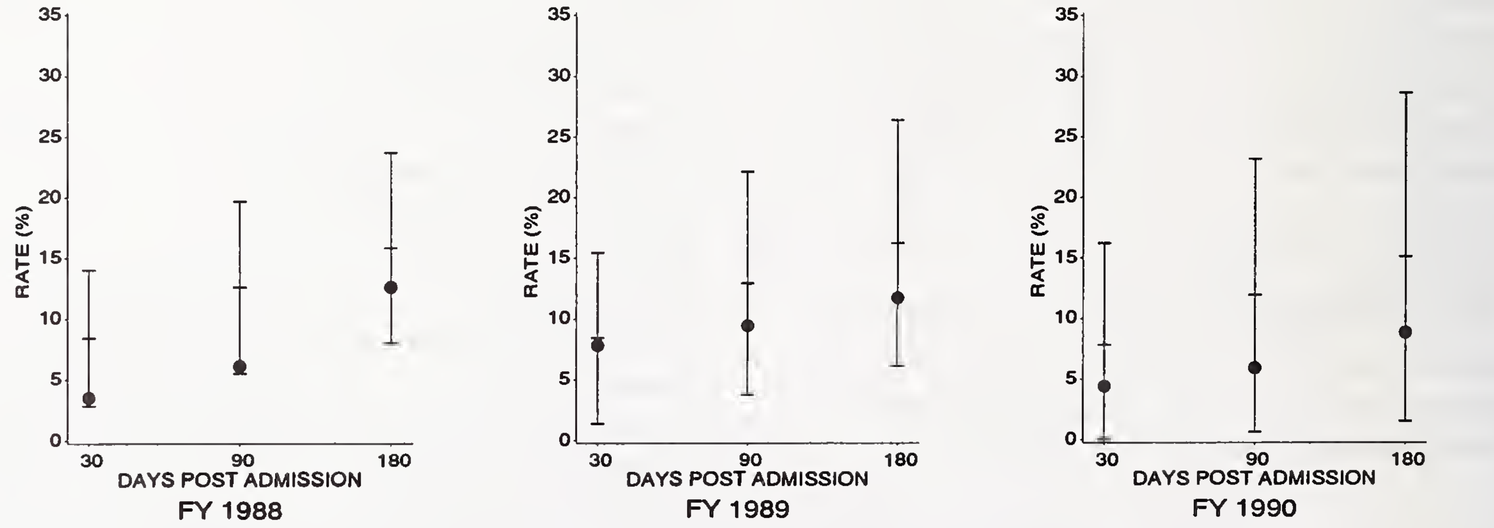
# LONGVIEW GENERAL HOSPITAL
1100 BANKHEAD HWY SW
GRAYSVILLE, AL 35073
Medicare Provider Number: 010117

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 68 | 4.4 | 7.8 | 4.2 | 5.9 | 11.9 | 5.6 | 8.8 | 15.1 | 6.8 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 0 | | | | | | | | | |
| Congestive Heart Failure | 3 | 33.3 | 10.4 | ----- | 33.3 | 16.4 | ----- | 33.3 | 20.6 | ----- |
| Pneumonia/Influenza | 6 | 0.0 | 6.0 | ----- | 0.0 | 8.7 | ----- | 0.0 | 10.5 | ----- |
| Chronic Obstructive Pulmonary Disease | 2 | 0.0 | 6.2 | ----- | 0.0 | 12.7 | ----- | 0.0 | 17.7 | ----- |
| Transient Cerebral Ischemia | 0 | | | | | | | | | |
| Stroke | 0 | | | | | | | | | |
| Hip Fracture | 0 | | | | | | | | | |
| Sepsis | 1 | 0.0 | 35.0 | ----- | 0.0 | 41.6 | ----- | 0.0 | 48.5 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 2 | 0.0 | 0.4 | ----- | 0.0 | 1.1 | ----- | 0.0 | 1.9 | ----- |
| Cholecystectomy | 0 | | | | | | | | | |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# LONGVIEW GENERAL HOSPITAL
Medicare Provider Number: 010117

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 76.2 years |
| Proportion female | 58.8 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 67.6 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.0 % |
| Admitted for emergency | 30.9 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 2.9 % |
| Chronic cardiovascular disease | 26.5 % |
| Chronic liver disease | 0.0 % |
| Chronic renal disease | 2.9 % |
| Chronic pulmonary disease | 16.2 % |
| Cerebrovascular degeneration | 1.5 % |
| Diabetes mellitus | 13.2 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 69.4% |
| State | 30.6% |
| Outside State | 0.0% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 5.5 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 50 |
| Occupancy Rate | 6.0 % |
| Ownership/Control | Private, For Profit |
| Medicare Discharges | (Not Available) |
| Case Mix Index (CMI) | 1.0275 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | (Not Available) |
| Percent of Physicians Board Certified Specialists | (Not Available) |
| Medical Residents/Interns | (Not Available) |
| Registered Nurses | (Not Available) |
| Licensed Practical Nurses | (Not Available) |

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | No |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# MARION COUNTY GENERAL HOSPITAL

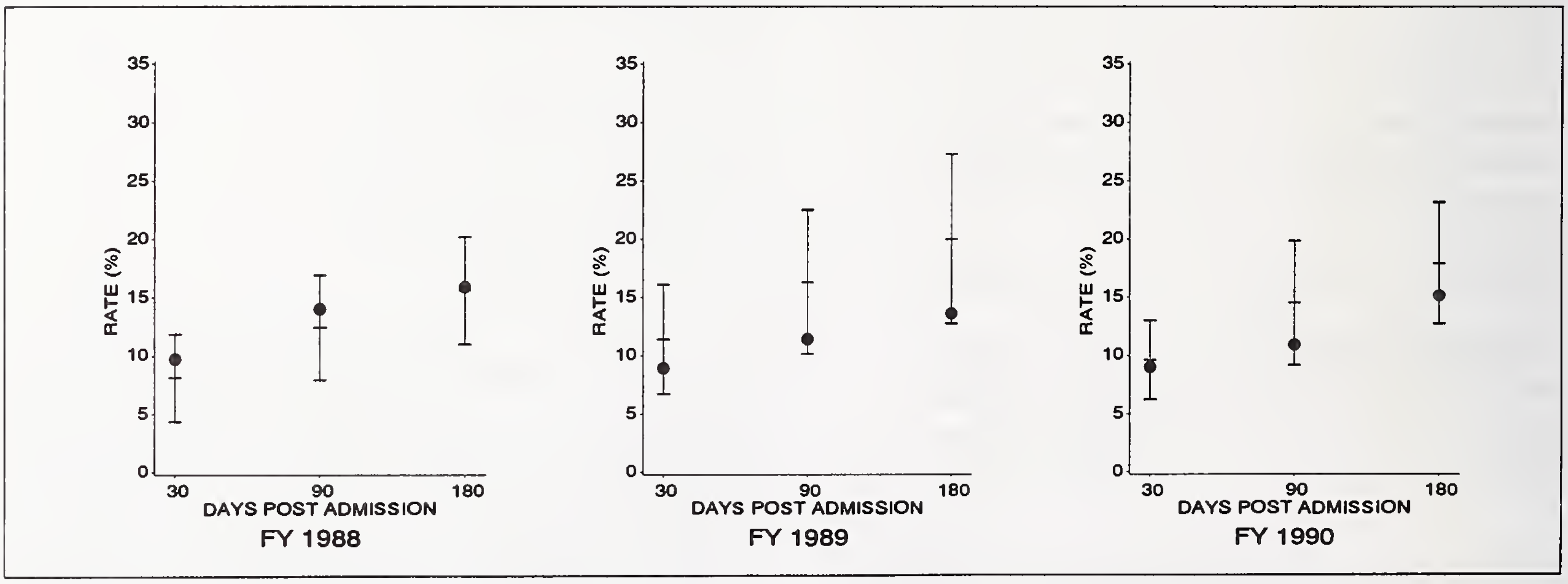
1315 MILITARY ST S
HAMILTON, AL 35570
Medicare Provider Number: 010044

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | PRED | SD* | 90 DAYS OBS | PRED | SD* | 180 DAYS OBS | PRED | SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 311 | 9.0 | 9.6 | 1.7 | 10.9 | 14.5 | 2.7 | 15.1 | 17.9 | 2.6 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 8 | 50.0 | 37.5 | ----- | 50.0 | 40.7 | ----- | 50.0 | 44.1 | ----- |
| Congestive Heart Failure | 23 | 8.7 | 12.5 | ----- | 21.7 | 20.0 | ----- | 30.4 | 25.8 | ----- |
| Pneumonia/Influenza | 29 | 13.8 | 14.2 | ----- | 13.8 | 19.1 | ----- | 20.7 | 22.7 | ----- |
| Chronic Obstructive Pulmonary Disease | 10 | 0.0 | 5.7 | ----- | 0.0 | 10.6 | ----- | 10.0 | 14.6 | ----- |
| Transient Cerebral Ischemia | 3 | 0.0 | 2.5 | ----- | 33.3 | 6.0 | ----- | 33.3 | 10.4 | ----- |
| Stroke | 14 | 21.4 | 19.1 | ----- | 21.4 | 25.2 | ----- | 21.4 | 29.3 | ----- |
| Hip Fracture | 0 | | | | | | | | | |
| Sepsis | 2 | 100.0 | 17.9 | ----- | 100.0 | 27.8 | ----- | 100.0 | 33.0 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 7 | 0.0 | 2.1 | ----- | 0.0 | 3.7 | ----- | 0.0 | 4.8 | ----- |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# MARION COUNTY GENERAL HOSPITAL
Medicare Provider Number: 010044

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| DEMOGRAPHICS: | |
|---|---|
| Average age at admission | 75.1 years |
| Proportion female | 63.3 % |
| **ADMISSION SOURCES/TYPES:** | |
| Referred by personal or HMO physician | 98.4 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.0 % |
| Admitted for emergency | 98.4 % |

| COMORBIDITIES: | |
|---|---|
| Cancer | 4.5 % |
| Chronic cardiovascular disease | 38.6 % |
| Chronic liver disease | 0.6 % |
| Chronic renal disease | 4.5 % |
| Chronic pulmonary disease | 15.1 % |
| Cerebrovascular degeneration | 1.0 % |
| Diabetes mellitus | 8.7 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| ORIGIN OF MEDICARE PATIENT ADMISSION: | |
|---|---|
| County/City | 85.1% |
| State | 13.9% |
| Outside State | 1.0% |
| Total | 100.0% |

| MEDICARE AVERAGE LENGTH OF STAY: | |
|---|---|
| Hospital | 5.5 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| PROFILE: | |
|---|---|
| Total Beds | 126 |
| Occupancy Rate | 66.0 % |
| Ownership/Control | Private, For Profit |
| Medicare Discharges | (Not Available) |
| Case Mix Index (CMI) | 1.0176 |
| **STAFFING:** | |
| Total Number of Physicians | (Not Available) |
| Percent of Physicians Board Certified Specialists | (Not Available) |
| Medical Residents/Interns | (Not Available) |
| Registered Nurses | (Not Available) |
| Licensed Practical Nurses | (Not Available) |

| SPECIALTY SERVICES: | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |
| **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | Yes |

** Except for CMI

*** Not used in calculating mortality rates**

# MEDICAL CENTER EAST

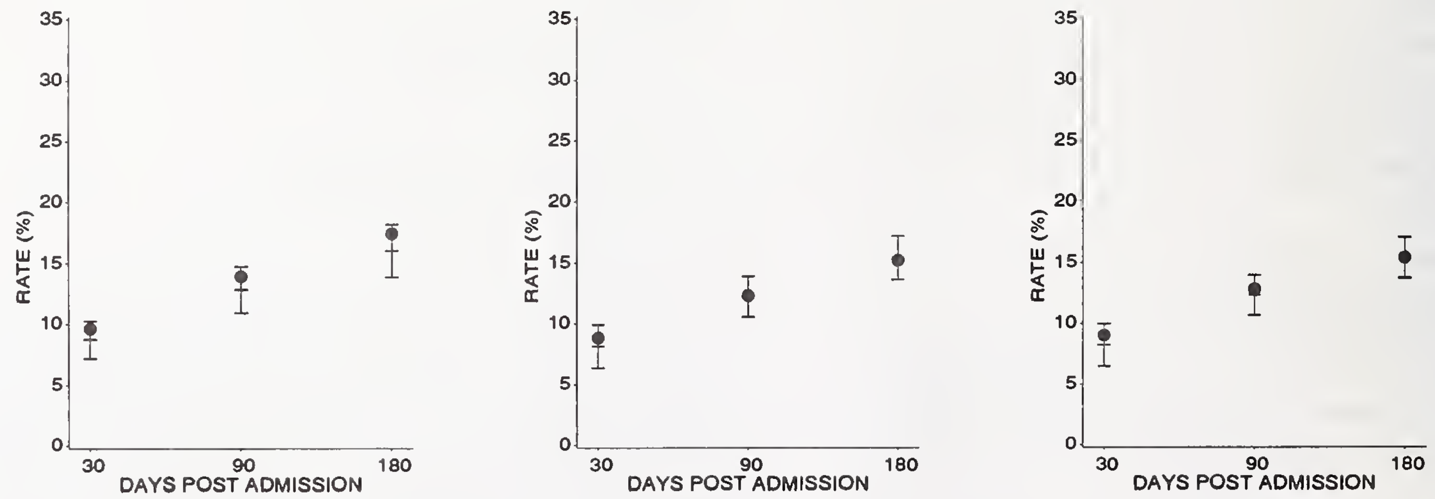
50 MEDICAL PARK DR E
BIRMINGHAM, AL 35235
Medicare Provider Number: 010011

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 3024 | 9.0 | 8.2 | 0.9 | 12.8 | 12.3 | 0.8 | 15.4 | 15.4 | 0.8 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 98 | 22.4 | 26.8 | 5.2 | 27.6 | 29.6 | 4.8 | 32.7 | 32.2 | 4.8 |
| Congestive Heart Failure | 117 | 14.5 | 13.8 | 4.3 | 26.5 | 22.0 | 6.3 | 29.9 | 28.1 | 7.5 |
| Pneumonia/Influenza | 123 | 15.4 | 14.2 | 5.5 | 21.1 | 19.4 | 7.0 | 23.6 | 22.8 | 6.5 |
| Chronic Obstructive Pulmonary Disease | 54 | 0.0 | 7.5 | 8.3 | 3.7 | 12.7 | 10.0 | 5.6 | 16.9 | 12.4 |
| Transient Cerebral Ischemia | 65 | 1.5 | 1.7 | 1.7 | 4.6 | 3.7 | 3.1 | 6.2 | 5.9 | 5.8 |
| Stroke | 102 | 25.5 | 21.0 | 5.0 | 29.4 | 27.1 | 4.7 | 30.4 | 30.8 | 4.6 |
| Hip Fracture | 102 | 7.8 | 6.5 | 2.7 | 13.7 | 11.5 | 3.8 | 15.7 | 14.9 | 3.7 |
| Sepsis | 45 | 20.0 | 20.8 | ----- | 24.4 | 27.7 | ----- | 26.7 | 31.9 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 6 | 16.7 | 5.4 | ----- | 16.7 | 6.4 | ----- | 16.7 | 7.5 | ----- |
| Coronary Artery Bypass Graft | 78 | 7.7 | 5.5 | 3.2 | 9.0 | 7.5 | 3.2 | 9.0 | 8.5 | 3.3 |
| Initial Pacemaker Insertion | 25 | 0.0 | 3.2 | ----- | 12.0 | 5.5 | ----- | 16.0 | 7.7 | ----- |
| Carotid Endarterectomy | 18 | 0.0 | 1.2 | ----- | 0.0 | 2.4 | ----- | 0.0 | 3.5 | ----- |
| Hip Replacement/Reconstruction | 60 | 5.0 | 3.4 | 2.8 | 8.3 | 6.3 | 3.8 | 8.3 | 8.4 | 4.3 |
| Open Reduction of Hip Fracture | 60 | 5.0 | 6.0 | 3.2 | 11.7 | 10.8 | 4.1 | 15.0 | 14.2 | 4.6 |
| Prostatectomy | 108 | 1.9 | 0.7 | 1.2 | 2.8 | 1.6 | 1.6 | 3.7 | 2.7 | 2.4 |
| Cholecystectomy | 66 | 6.1 | 2.3 | 3.0 | 6.1 | 4.3 | 2.9 | 6.1 | 5.9 | 3.3 |
| Hysterectomy | 22 | 4.5 | 0.3 | ----- | 4.5 | 0.7 | ----- | 4.5 | 1.1 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

# MEDICAL CENTER EAST
Medicare Provider Number: 010011

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | |
|---|---|
| DEMOGRAPHICS: | |
| Average age at admission | 74.0 years |
| Proportion female | 60.5 % |
| ADMISSION SOURCES/TYPES: | |
| Referred by personal or HMO physician | 40.8 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 31.0 % |
| Admitted for emergency | 67.5 % |

| | |
|---|---|
| COMORBIDITIES: | |
| Cancer | 5.5 % |
| Chronic cardiovascular disease | 42.3 % |
| Chronic liver disease | 0.8 % |
| Chronic renal disease | 1.6 % |
| Chronic pulmonary disease | 16.8 % |
| Cerebrovascular degeneration | 2.6 % |
| Diabetes mellitus | 9.3 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | |
|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | |
| County/City | 78.0% |
| State | 20.3% |
| Outside State | 1.7% |
| Total | 100.0% |

| | |
|---|---|
| MEDICARE AVERAGE LENGTH OF STAY: | |
| Hospital | 7.3 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | |
|---|---|
| PROFILE: | |
| Total Beds | 290 |
| Occupancy Rate | 66.0 % |
| Ownership.Control | Private, Non-Profit |
| Medicare Discharges | 43.9 % |
| Case Mix Index (CMI) | 1.3788 |
| STAFFING: | |
| Total Number of Physicians | 171 |
| Percent of Physicians Board Certified Specialists | 76.0 % |
| Medical Residents/Interns | 15 |
| Registered Nurses | 282 |
| Licensed Practical Nurses | 53 |

| | |
|---|---|
| SPECIALTY SERVICES: | |
| Burn Unit | No |
| Cardiac Intensive Care | Yes |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | Yes |
| Trauma Center | Yes |
| OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| Alcohol/Drug | No |
| Rehabilitation | Yes |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# MIZELL MEMORIAL HOSPITAL

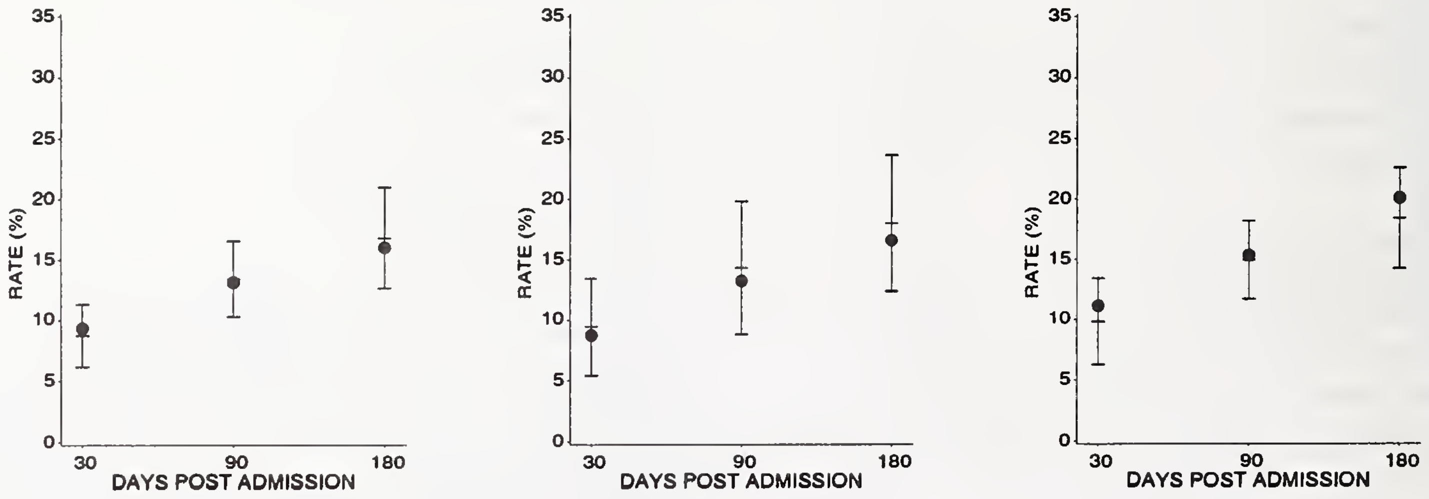
702 MAIN ST
OPP, AL 36467
Medicare Provider Number: 010007

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 561 | 11.1 | 9.8 | 1.8 | 15.3 | 14.9 | 1.6 | 20.1 | 18.4 | 2.1 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 15 | 46.7 | 28.8 | ----- | 46.7 | 33.9 | ----- | 53.3 | 37.3 | ----- |
| Congestive Heart Failure | 25 | 12.0 | 13.5 | ----- | 12.0 | 21.2 | ----- | 24.0 | 27.2 | ----- |
| Pneumonia/Influenza | 34 | 11.8 | 14.1 | ----- | 23.5 | 19.2 | ----- | 32.4 | 22.8 | ----- |
| Chronic Obstructive Pulmonary Disease | 7 | 14.3 | 10.2 | ----- | 14.3 | 17.4 | ----- | 14.3 | 22.9 | ----- |
| Transient Cerebral Ischemia | 7 | 0.0 | 1.5 | ----- | 14.3 | 3.4 | ----- | 14.3 | 5.6 | ----- |
| Stroke | 15 | 13.3 | 18.1 | ----- | 33.3 | 24.7 | ----- | 40.0 | 28.3 | ----- |
| Hip Fracture | 13 | 30.8 | 6.9 | ----- | 30.8 | 11.7 | ----- | 38.5 | 15.2 | ----- |
| Sepsis | 6 | 16.7 | 22.8 | ----- | 33.3 | 29.6 | ----- | 50.0 | 33.3 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 8 | 25.0 | 7.2 | ----- | 25.0 | 12.0 | ----- | 25.0 | 15.3 | ----- |
| Open Reduction of Hip Fracture | 5 | 40.0 | 6.7 | ----- | 40.0 | 11.7 | ----- | 60.0 | 15.3 | ----- |
| Prostatectomy | 10 | 0.0 | 0.5 | ----- | 0.0 | 1.3 | ----- | 0.0 | 2.3 | ----- |
| Cholecystectomy | 12 | 0.0 | 2.3 | ----- | 0.0 | 4.4 | ----- | 0.0 | 5.9 | ----- |
| Hysterectomy | 1 | 0.0 | 0.0 | ----- | 0.0 | 0.0 | ----- | 0.0 | 0.0 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

# MIZELL MEMORIAL HOSPITAL
Medicare Provider Number: 010007

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | |
|---|---|
| **DEMOGRAPHICS:** | |
| Average age at admission | 75.2 years |
| Proportion female | 61.7 % |
| **ADMISSION SOURCES/TYPES:** | |
| Referred by personal or HMO physician | 33.0 % |
| Transferred from skilled nursing facility | 1.8 % |
| Admitted for elective procedure | 5.3 % |
| Admitted for emergency | 26.7 % |

| | |
|---|---|
| **COMORBIDITIES:** | |
| Cancer | 5.0 % |
| Chronic cardiovascular disease | 41.2 % |
| Chronic liver disease | 1.1 % |
| Chronic renal disease | 2.3 % |
| Chronic pulmonary disease | 25.3 % |
| Cerebrovascular degeneration | 2.5 % |
| Diabetes mellitus | 12.1 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | |
|---|---|
| **ORIGIN OF MEDICARE PATIENT ADMISSION:** | |
| County/City | 73.4% |
| State | 24.0% |
| Outside State | 2.6% |
| Total | 100.0% |

| | |
|---|---|
| **MEDICARE AVERAGE LENGTH OF STAY:** | |
| Hospital | 6.8 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | |
|---|---|
| **PROFILE:** | |
| Total Beds | 90 |
| Occupancy Rate | 27.0 % |
| Ownership.Control | Private, Non-Profit |
| Medicare Discharges | (Not Available) |
| Case Mix Index (CMI) | 1.1369 |
| **STAFFING:** | |
| Total Number of Physicians | (Not Available) |
| Percent of Physicians Board Certified Specialists | (Not Available) |
| Medical Residents/Interns | (Not Available) |
| Registered Nurses | (Not Available) |
| Licensed Practical Nurses | (Not Available) |

| | |
|---|---|
| **SPECIALTY SERVICES:** | |
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |
| **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

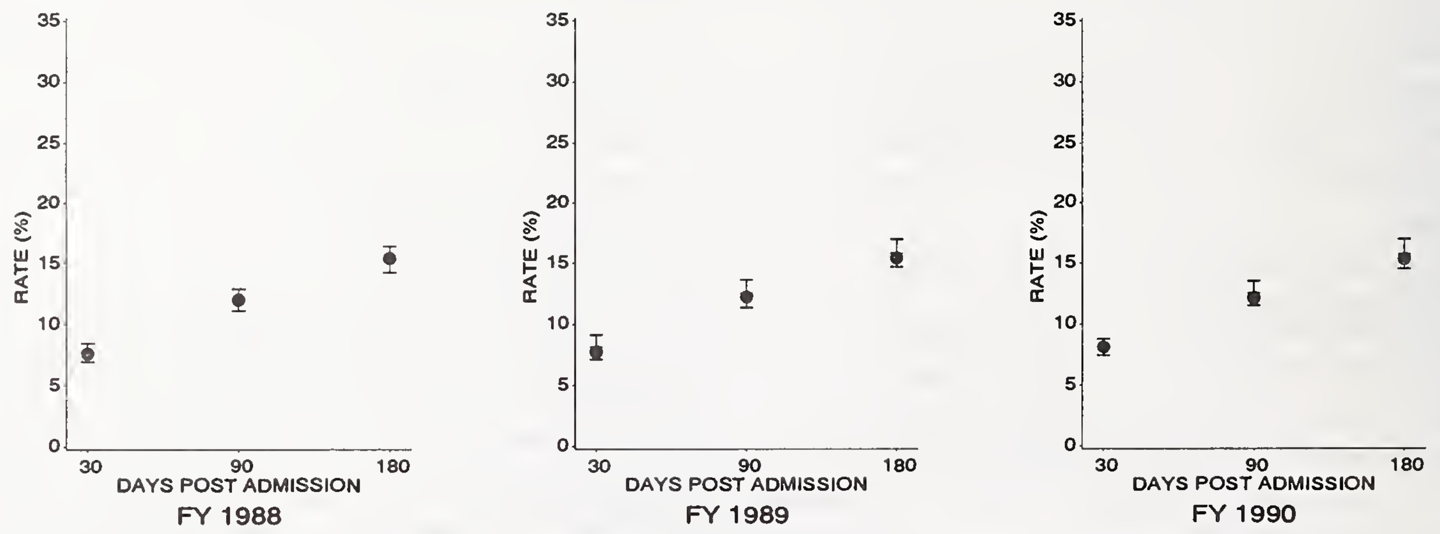
# MOBILE INFIRMARY
5 MOBILE INFIRMARY CIRCLE
MOBILE, AL 36607
Medicare Provider Number: 010113

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| | | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| CATEGORY | NUMBER OF CASES | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 6228 | 8.1 | 8.1 | 0.4 | 12.1 | 12.5 | 0.5 | 15.3 | 15.7 | 0.6 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 188 | 31.9 | 27.3 | 4.9 | 34.0 | 30.3 | 4.5 | 38.8 | 33.2 | 5.4 |
| Congestive Heart Failure | 280 | 13.2 | 11.9 | 3.9 | 22.5 | 19.5 | 3.0 | 27.5 | 25.4 | 3.0 |
| Pneumonia/Influenza | 171 | 12.3 | 13.5 | 2.9 | 18.1 | 18.8 | 3.1 | 21.1 | 22.3 | 3.4 |
| Chronic Obstructive Pulmonary Disease | 58 | 6.9 | 7.4 | 6.9 | 8.6 | 13.4 | 7.8 | 17 2 | 18.0 | 7.6 |
| Transient Cerebral Ischemia | 91 | 1.1 | 1.9 | 1.5 | 1.1 | 4.0 | 2.9 | 4.4 | 6.3 | 3.0 |
| Stroke | 236 | 12.7 | 17.5 | 3.4 | 19.9 | 23.5 | 3.2 | 24.2 | 27.2 | 3.2 |
| Hip Fracture | 139 | 9.4 | 6.0 | 3.3 | 13.7 | 10.5 | 5.1 | 17.3 | 13.8 | 5.8 |
| Sepsis | 100 | 21.0 | 25.0 | 6.1 | 28.0 | 32.3 | 5.2 | 40.0 | 37.1 | 6.3 |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 123 | 3.3 | 2.9 | 1.7 | 4.9 | 3.8 | 1.9 | 6.5 | 4.8 | 2.3 |
| Coronary Artery Bypass Graft | 152 | 9.2 | 4.9 | 2.5 | 14.5 | 7.1 | 3.4 | 15.8 | 8.1 | 3.6 |
| Initial Pacemaker Insertion | 42 | 2.4 | 4.8 | ----- | 4.8 | 8.7 | ----- | 9.5 | 12.2 | ----- |
| Carotid Endarterectomy | 77 | 1.3 | 1.3 | 2.2 | 5.2 | 2.6 | 3.0 | 10.4 | 3.9 | 3.8 |
| Hip Replacement/Reconstruction | 108 | 3.7 | 2.3 | 1.8 | 5.6 | 4.3 | 2.5 | 7.4 | 6.0 | 4.7 |
| Open Reduction of Hip Fracture | 80 | 7.5 | 5.2 | 3.0 | 11.2 | 9.3 | 3.6 | 12.5 | 12.3 | 3.7 |
| Prostatectomy | 152 | 0.7 | 1.1 | 1.1 | 0.7 | 2.6 | 2.8 | 2.6 | 4.4 | 3.0 |
| Cholecystectomy | 186 | 2.7 | 2.7 | 1.3 | 4.8 | 4.8 | 1.8 | 6.5 | 6.2 | 2.1 |
| Hysterectomy | 63 | 3.2 | 0.6 | 3.1 | 3.2 | 1.4 | 3.2 | 3.2 | 2.3 | 3.6 |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# MOBILE INFIRMARY

Medicare Provider Number: 010113

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | | | |
|---|---|---|---|
| DEMOGRAPHICS: | | COMORBIDITIES: | |
| Average age at admission | 73.7 years | Cancer | 7.8 % |
| Proportion female | 56.1 % | Chronic cardiovascular disease | 37.6 % |
| ADMISSION SOURCES/TYPES: | | Chronic liver disease | 0.9 % |
| Referred by personal or HMO physician | 98.3 % | Chronic renal disease | 3.2 % |
| Transferred from skilled nursing facility | 0.0 % | Chronic pulmonary disease | 15.8 % |
| Admitted for elective procedure | 27.3 % | Cerebrovascular degeneration | 1.8 % |
| Admitted for emergency | 71.1 % | Diabetes mellitus | 10.3 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | | | |
|---|---|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | | MEDICARE AVERAGE LENGTH OF STAY: | |
| County/City | 73.2% | Hospital | 8.5 Days |
| State | 20.7% | State | 7.9 Days |
| Outside State | 6.1% | National | 8.6 Days |
| Total | 100.0% | | |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | | | |
|---|---|---|---|
| PROFILE: | | SPECIALTY SERVICES: | |
| Total Beds | 704 | Burn Unit | No |
| Occupancy Rate | 61.0 % | Cardiac Intensive Care | Yes |
| Ownership.Control | Private, Non-Profit | Comprehensive Geriatric | No |
| Medicare Discharges | 47.5 % | Hospice Care | No |
| Case Mix Index (CMI) | 1.5206 | Medical/Surgical Intensive Care | Yes |
| STAFFING: | | Organ/Tissue Transplant | No |
| Total Number of Physicians | 340 | Other Intensive Care | No |
| Percent of Physicians Board Certified Specialists | 72.4 % | Trauma Center | No |
| | | OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| Medical Residents/Interns | 0 | Alcohol/Drug | No |
| Registered Nurses | 518 | Rehabilitation | Yes |
| Licensed Practical Nurses | 277 | Psychiatric | Yes |
| | | Medicare Swing Beds | No |

** Except for CMI

* Not used in calculating mortality rates

# MONROE COUNTY HOSPITAL

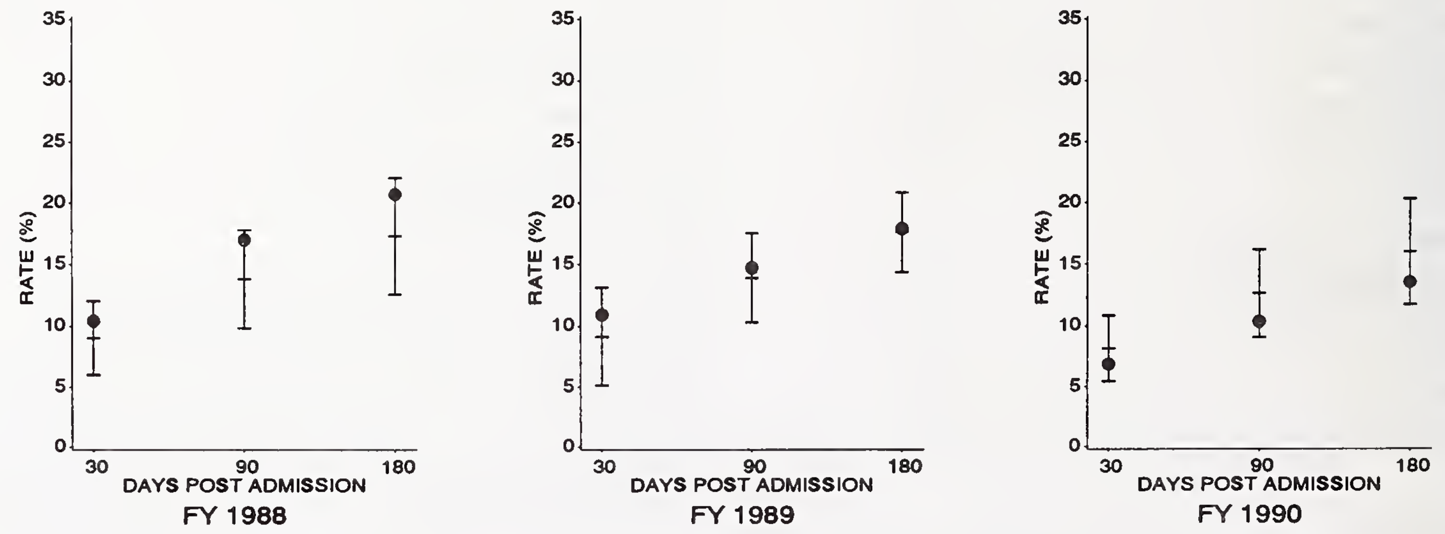
1901 S AL AVE,BOX 886
MONROEVILLE, AL 36461
Medicare Provider Number: 010120

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 620 | 6.8 | 8.1 | 1.4 | 10.3 | 12.6 | 1.8 | 13.5 | 16.0 | 2.2 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 8 | 12.5 | 15.9 | ----- | 25.0 | 18.8 | ----- | 25.0 | 21.4 | ----- |
| Congestive Heart Failure | 32 | 9.4 | 14.9 | ----- | 15.6 | 23.6 | ----- | 25.0 | 30.5 | ----- |
| Pneumonia/Influenza | 51 | 9.8 | 13.4 | 8.2 | 9.8 | 18.5 | 10.9 | 15.7 | 22.0 | 11.2 |
| Chronic Obstructive Pulmonary Disease | 16 | 6.3 | 5.5 | ----- | 12.5 | 10.3 | ----- | 12.5 | 14.6 | ----- |
| Transient Cerebral Ischemia | 13 | 7.7 | 1.7 | ----- | 7.7 | 4.0 | ----- | 15.4 | 6.7 | ----- |
| Stroke | 23 | 13.0 | 19.5 | ----- | 21.7 | 26.6 | ----- | 34.8 | 30.8 | ----- |
| Hip Fracture | 0 | | | | | | | | | |
| Sepsis | 16 | 37.5 | 26.9 | ----- | 37.5 | 36.6 | ----- | 37.5 | 42.1 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 4 | 0.0 | 1.5 | ----- | 0.0 | 2.6 | ----- | 0.0 | 3.3 | ----- |
| Hysterectomy | 1 | 0.0 | 2.8 | ----- | 0.0 | 5.8 | ----- | 0.0 | 8.4 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

# MONROE COUNTY HOSPITAL

Medicare Provider Number: 010120

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| DEMOGRAPHICS: | |
|---|---|
| Average age at admission | 74.5 years |
| Proportion female | 58.1 % |
| **ADMISSION SOURCES/TYPES:** | |
| Referred by personal or HMO physician | 35.8 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 3.7 % |
| Admitted for emergency | 1.3 % |

| COMORBIDITIES: | |
|---|---|
| Cancer | 3.5 % |
| Chronic cardiovascular disease | 44.2 % |
| Chronic liver disease | 0.5 % |
| Chronic renal disease | 3.9 % |
| Chronic pulmonary disease | 16.0 % |
| Cerebrovascular degeneration | 4.7 % |
| Diabetes mellitus | 12.6 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| ORIGIN OF MEDICARE PATIENT ADMISSION: | |
|---|---|
| County/City | 82.6% |
| State | 16.0% |
| Outside State | 1.4% |
| Total | 100.0% |

| MEDICARE AVERAGE LENGTH OF STAY: | |
|---|---|
| Hospital | 5.6 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| PROFILE: | |
|---|---|
| Total Beds | 94 |
| Occupancy Rate | 41.0 % |
| Ownership/Control | Local Government |
| Medicare Discharges | (Not Available) |
| Case Mix Index (CMI) | 0.9459 |
| **STAFFING:** | |
| Total Number of Physicians | (Not Available) |
| Percent of Physicians Board Certified Specialists | (Not Available) |
| Medical Residents/Interns | (Not Available) |
| Registered Nurses | (Not Available) |
| Licensed Practical Nurses | (Not Available) |

| SPECIALTY SERVICES: | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |
| **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Alcohol/Drug | Yes |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# NE ALABAMA REGIONAL MEDICAL CENTER

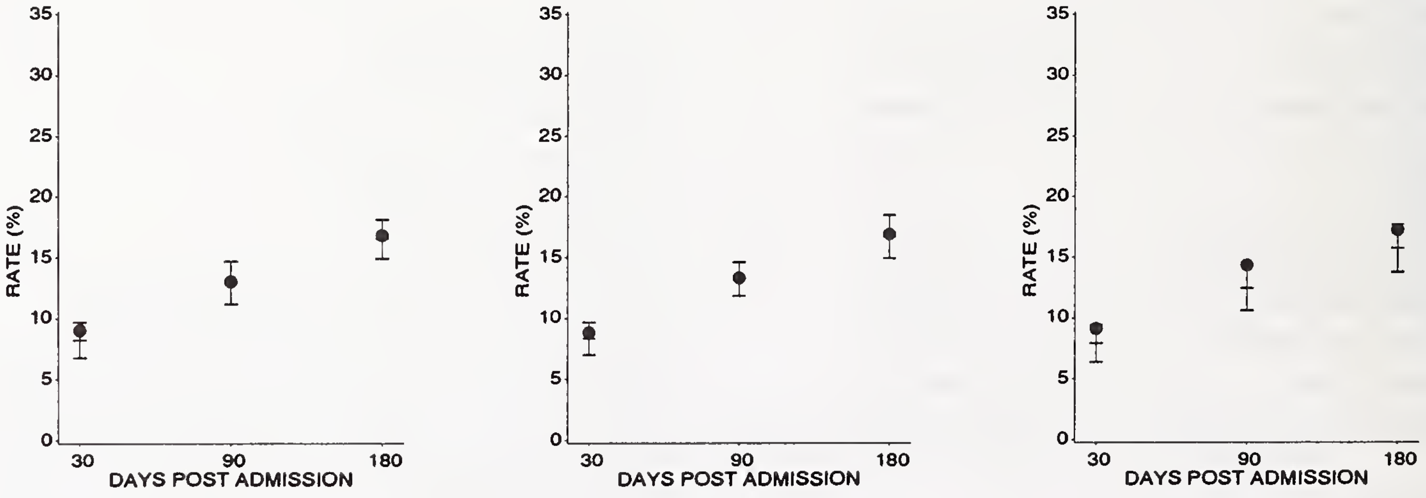
400 E 10 ST
ANNISTON, AL 36202
Medicare Provider Number: 010078

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 2574 | 9.1 | 7.9 | 0.8 | 14.3 | 12.4 | 0.9 | 17.2 | 15.7 | 1.0 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 83 | 28.9 | 22.5 | 7.1 | 34.9 | 25.7 | 7.3 | 38.6 | 28.4 | 7.8 |
| Congestive Heart Failure | 110 | 22.7 | 13.3 | 6.2 | 28.2 | 21.3 | 6.1 | 35.5 | 27.1 | 6.8 |
| Pneumonia/Influenza | 114 | 10.5 | 14.8 | 6.0 | 21.1 | 20.5 | 9.0 | 22.8 | 24.1 | 4.5 |
| Chronic Obstructive Pulmonary Disease | 37 | 0.0 | 6.8 | ----- | 5.4 | 11.9 | ----- | 10.8 | 15.9 | ----- |
| Transient Cerebral Ischemia | 56 | 0.0 | 1.4 | 1.9 | 0.0 | 3.1 | 3.0 | 1.8 | 5.1 | 3.4 |
| Stroke | 81 | 19.8 | 15.8 | 7.3 | 25.9 | 22.2 | 6.5 | 29.6 | 25.9 | 6.4 |
| Hip Fracture | 103 | 10.7 | 6.6 | 5.9 | 14.6 | 11.3 | 6.5 | 16.5 | 14.3 | 6.3 |
| Sepsis | 11 | 27.3 | 23.0 | ----- | 27.3 | 31.8 | ----- | 36.4 | 37.3 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 24 | 12.5 | 3.8 | ----- | 16.7 | 7.8 | ----- | 20.8 | 11.4 | ----- |
| Carotid Endarterectomy | 7 | 0.0 | 1.4 | ----- | 0.0 | 2.5 | ----- | 0.0 | 3.5 | ----- |
| Hip Replacement/Reconstruction | 52 | 3.8 | 3.1 | 2.6 | 5.8 | 5.6 | 4.2 | 9.6 | 7.5 | 4.6 |
| Open Reduction of Hip Fracture | 13 | 15.4 | 5.2 | ----- | 15.4 | 9.4 | ----- | 15.4 | 12.0 | ----- |
| Prostatectomy | 59 | 0.0 | 1.0 | 1.5 | 0.0 | 2.3 | 2.7 | 0.0 | 3.9 | 4.1 |
| Cholecystectomy | 56 | 1.8 | 1.8 | 1.9 | 7.1 | 3.5 | 3.5 | 7.1 | 4.9 | 3.4 |
| Hysterectomy | 15 | 0.0 | 0.1 | ----- | 0.0 | 0.3 | ----- | 0.0 | 0.5 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

# NE ALABAMA REGIONAL MEDICAL CENTER

Medicare Provider Number: 010078

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| DEMOGRAPHICS: | |
|---|---|
| Average age at admission | 72.3 years |
| Proportion female | 56.5 % |

| ADMISSION SOURCES/TYPES: | |
|---|---|
| Referred by personal or HMO physician | 39.1 % |
| Transferred from skilled nursing facility | 1.4 % |
| Admitted for elective procedure | 15.8 % |
| Admitted for emergency | 1.2 % |

| COMORBIDITIES: | |
|---|---|
| Cancer | 7.3 % |
| Chronic cardiovascular disease | 36.4 % |
| Chronic liver disease | 1.1 % |
| Chronic renal disease | 4.4 % |
| Chronic pulmonary disease | 19.7 % |
| Cerebrovascular degeneration | 2.8 % |
| Diabetes mellitus | 7.1 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| ORIGIN OF MEDICARE PATIENT ADMISSION: | |
|---|---|
| County/City | 77.5% |
| State | 20.6% |
| Outside State | 1.9% |
| Total | 100.0% |

| MEDICARE AVERAGE LENGTH OF STAY: | |
|---|---|
| Hospital | 7.3 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| PROFILE: | |
|---|---|
| Total Beds | 271 |
| Occupancy Rate | 62.0 % |
| Ownership.Control | Private, Non-Profit |
| Medicare Discharges | 34.3 % |
| Case Mix Index (CMI) | 1.1912 |

| STAFFING: | |
|---|---|
| Total Number of Physicians | 85 |
| Percent of Physicians Board Certified Specialists | 78.8 % |
| Medical Residents/Interns | 3 |
| Registered Nurses | 279 |
| Licensed Practical Nurses | 62 |

| SPECIALTY SERVICES: | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

| OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | Yes |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# NORTH BALDWIN HOSPITAL

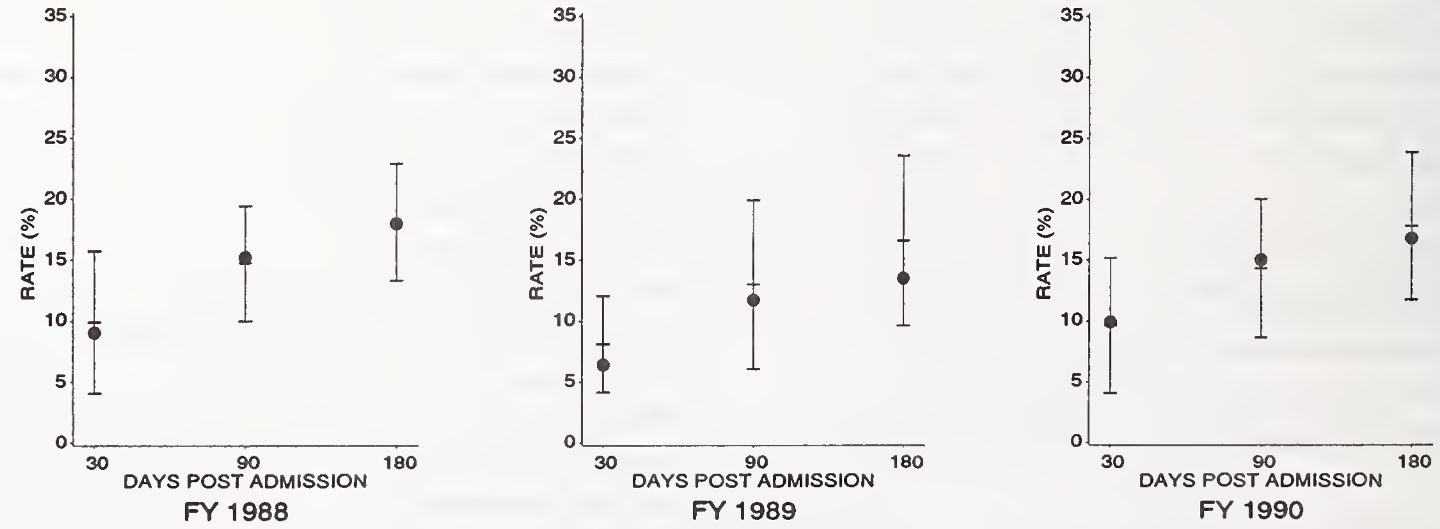
1815 HAND AVENUE
BAY MINETTE, AL 36507
Medicare Provider Number: 010129

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 274 | 9.9 | 9.6 | 2.8 | 15.0 | 14.3 | 2.9 | 16.8 | 17.8 | 3.1 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 12 | 25.0 | 21.2 | ----- | 25.0 | 23.8 | ----- | 25.0 | 26.0 | ----- |
| Congestive Heart Failure | 31 | 16.1 | 10.1 | ----- | 25.8 | 16.3 | ----- | 25.8 | 21.5 | ----- |
| Pneumonia/Influenza | 10 | 0.0 | 17.3 | ----- | 10.0 | 23.8 | ----- | 20.0 | 27.9 | ----- |
| Chronic Obstructive Pulmonary Disease | 15 | 13.3 | 9.1 | ----- | 20.0 | 15.2 | ----- | 20.0 | 19.6 | ----- |
| Transient Cerebral Ischemia | 5 | 0.0 | 1.1 | ----- | 0.0 | 2.6 | ----- | 0.0 | 4.6 | ----- |
| Stroke | 8 | 37.5 | 22.7 | ----- | 50.0 | 29.0 | ----- | 50.0 | 32.1 | ----- |
| Hip Fracture | 0 | | | | | | | | | |
| Sepsis | 5 | 40.0 | 29.6 | ----- | 60.0 | 36.4 | ----- | 80.0 | 41.4 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 9 | 0.0 | 1.2 | ----- | 0.0 | 2.8 | ----- | 0.0 | 4.7 | ----- |
| Cholecystectomy | 6 | 0.0 | 1.0 | ----- | 0.0 | 1.7 | ----- | 0.0 | 2.3 | ----- |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# NORTH BALDWIN HOSPITAL

Medicare Provider Number: 010129

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 72.8 years |
| Proportion female | 51.5 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 39.8 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.0 % |
| Admitted for emergency | 81.4 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 4.7 % |
| Chronic cardiovascular disease | 37.2 % |
| Chronic liver disease | 0.0 % |
| Chronic renal disease | 3.3 % |
| Chronic pulmonary disease | 23.4 % |
| Cerebrovascular degeneration | 5.5 % |
| Diabetes mellitus | 10.2 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 91.0% |
| State | 7.5% |
| Outside State | 1.5% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 5.2 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 55 |
| Occupancy Rate | 29.0 % |
| Ownership/Control | Local Government |
| Medicare Discharges | (Not Available) |
| Case Mix Index (CMI) | 1.0306 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | (Not Available) |
| Percent of Physicians Board Certified Specialists | (Not Available) |
| Medical Residents/Interns | (Not Available) |
| Registered Nurses | (Not Available) |
| Licensed Practical Nurses | (Not Available) |

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | No |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

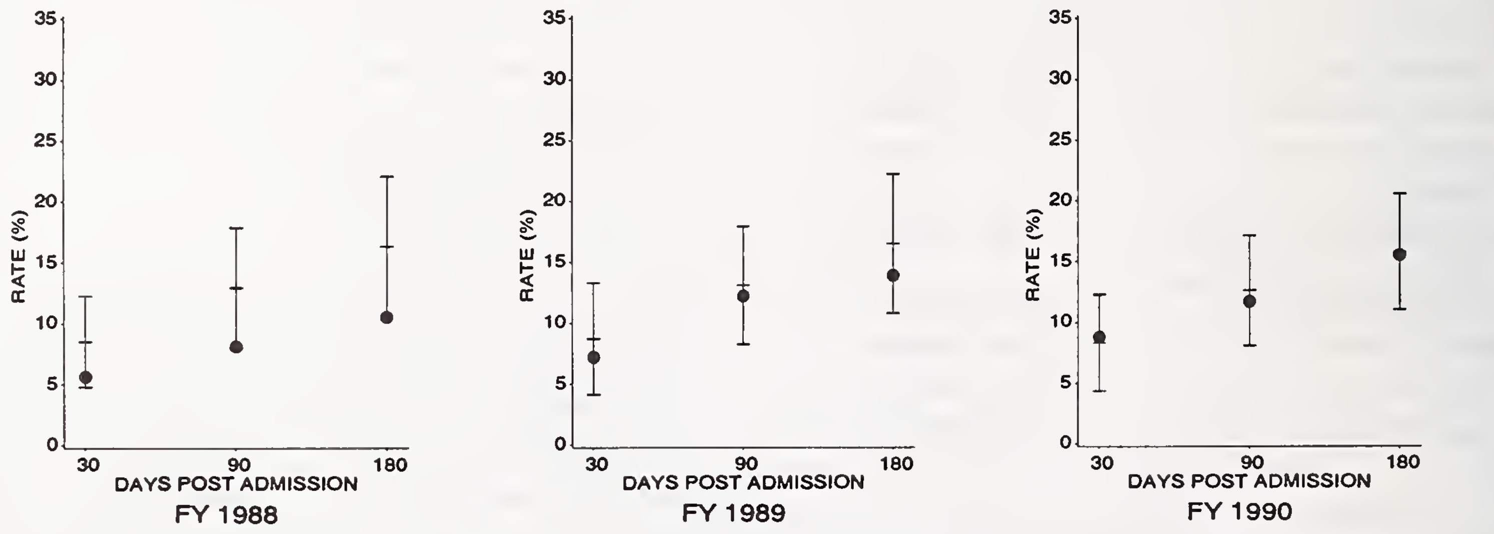
# NORTH JACKSON HOSPITAL
RT 1 BOX 88
BRIDGEPORT, AL 35740
Medicare Provider Number: 010004

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 239 | 8.8 | 8.3 | 2.0 | 11.7 | 12.6 | 2.3 | 15.5 | 15.8 | 2.4 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 8 | 50.0 | 30.1 | ----- | 62.5 | 33.3 | ----- | 62.5 | 35.8 | ----- |
| Congestive Heart Failure | 15 | 13.3 | 17.1 | ----- | 13.3 | 27.0 | ----- | 20.0 | 33.3 | ----- |
| Pneumonia/Influenza | 23 | 21.7 | 14.0 | ----- | 21.7 | 19.5 | ----- | 26.1 | 22.8 | ----- |
| Chronic Obstructive Pulmonary Disease | 15 | 0.0 | 8.9 | ----- | 6.7 | 15.3 | ----- | 6.7 | 19.9 | ----- |
| Transient Cerebral Ischemia | 0 | | | | | | | | | |
| Stroke | 4 | 25.0 | 26.0 | ----- | 25.0 | 32.9 | ----- | 25.0 | 36.5 | ----- |
| Hip Fracture | 2 | 0.0 | 6.9 | ----- | 0.0 | 11.4 | ----- | 0.0 | 15.2 | ----- |
| Sepsis | 3 | 33.3 | 38.1 | ----- | 33.3 | 45.8 | ----- | 66.7 | 50.2 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 1 | 0.0 | 8.8 | ----- | 0.0 | 13.5 | ----- | 0.0 | 16.8 | ----- |
| Prostatectomy | 2 | 0.0 | 0.8 | ----- | 0.0 | 1.8 | ----- | 0.0 | 3.2 | ----- |
| Cholecystectomy | 4 | 0.0 | 1.4 | ----- | 0.0 | 3.1 | ----- | 0.0 | 4.7 | ----- |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# NORTH JACKSON HOSPITAL
Medicare Provider Number: 010004

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | | | |
|---|---|---|---|
| DEMOGRAPHICS: | | COMORBIDITIES: | |
| Average age at admission | 72.1 years | Cancer | 3.8 % |
| Proportion female | 54.0 % | Chronic cardiovascular disease | 43.5 % |
| ADMISSION SOURCES/TYPES: | | Chronic liver disease | 1.7 % |
| Referred by personal or HMO physician | 53.6 % | Chronic renal disease | 2.5 % |
| Transferred from skilled nursing facility | 0.0 % | Chronic pulmonary disease | 16.7 % |
| Admitted for elective procedure | 8.4 % | Cerebrovascular degeneration | 3.3 % |
| Admitted for emergency | 84.5 % | Diabetes mellitus | 14.2 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | | | |
|---|---|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | | MEDICARE AVERAGE LENGTH OF STAY: | |
| County/City | 89.3% | Hospital | 6.0 Days |
| State | 2.9% | State | 7.9 Days |
| Outside State | 7.8% | National | 8.6 Days |
| Total | 100.0% | | |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | | | |
|---|---|---|---|
| PROFILE: | | SPECIALTY SERVICES: | |
| Total Beds | 49 | Burn Unit | No |
| Occupancy Rate | 26.0 % | Cardiac Intensive Care | No |
| Ownership/Control | District/Authority | Comprehensive Geriatric | No |
| Medicare Discharges | 39.1 % | Hospice Care | No |
| Case Mix Index (CMI) | 0.9749 | Medical/Surgical Intensive Care | No |
| STAFFING: | | Organ/Tissue Transplant | No |
| Total Number of Physicians | 6 | Other Intensive Care | No |
| Percent of Physicians Board Certified Specialists | 50.0 % | Trauma Center | No |
| | | OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| Medical Residents/Interns | 0 | Alcohol/Drug | No |
| Registered Nurses | 10 | Rehabilitation | No |
| Licensed Practical Nurses | 13 | Psychiatric | No |
| | | Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# PARKWAY MEDICAL CENTER HOSPITAL

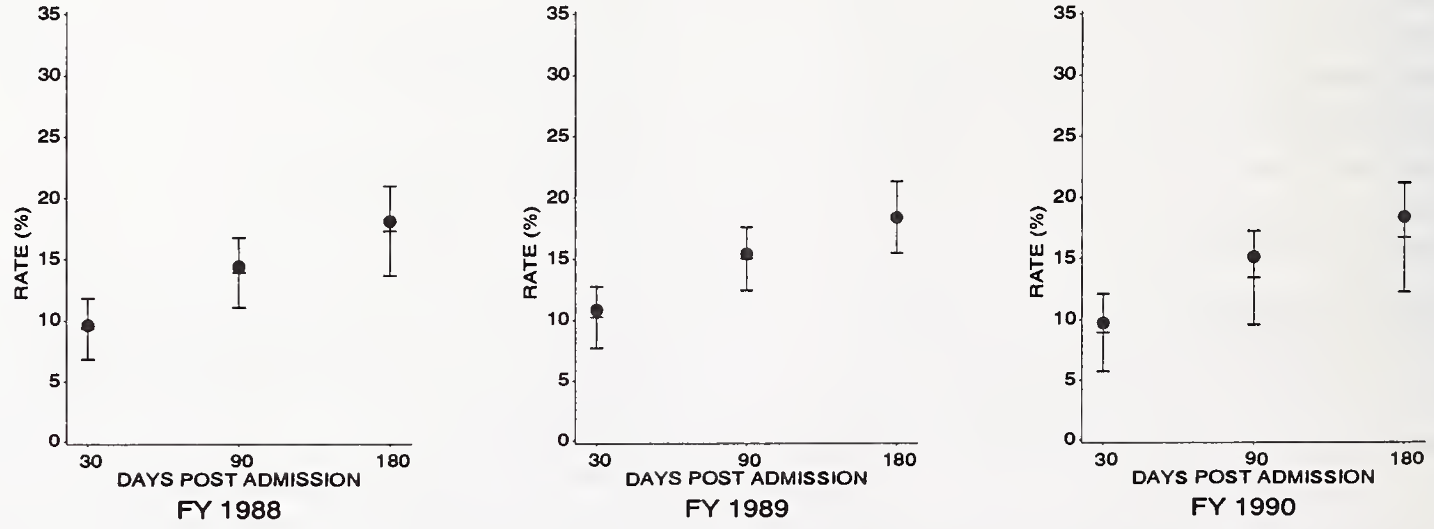
1874 BELTLINE RD SW
DECATUR, AL 35601
Medicare Provider Number: 010054

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 784 | 9.7 | 8.9 | 1.6 | 15.1 | 13.4 | 1.9 | 18.4 | 16.7 | 2.2 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 22 | 45.5 | 28.2 | ----- | 59.1 | 30.7 | ----- | 59.1 | 33.4 | ----- |
| Congestive Heart Failure | 46 | 17.4 | 12.8 | ----- | 30.4 | 20.0 | ----- | 30.4 | 25.6 | ----- |
| Pneumonia/Influenza | 59 | 11.9 | 14.5 | 8.1 | 15.3 | 19.8 | 8.5 | 18.6 | 23.4 | 9.4 |
| Chronic Obstructive Pulmonary Disease | 23 | 17.4 | 9.5 | ----- | 21.7 | 15.9 | ----- | 34.8 | 20.6 | ----- |
| Transient Cerebral Ischemia | 7 | 0.0 | 1.1 | ----- | 0.0 | 2.6 | ----- | 0.0 | 4.4 | ----- |
| Stroke | 36 | 22.2 | 18.1 | ----- | 25.0 | 25.0 | ----- | 33.3 | 29.0 | ----- |
| Hip Fracture | 22 | 4.5 | 6.0 | ----- | 13.6 | 10.7 | ----- | 22.7 | 13.9 | ----- |
| Sepsis | 6 | 50.0 | 30.0 | ----- | 50.0 | 41.6 | ----- | 66.7 | 46.4 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 3 | 0.0 | 2.6 | ----- | 0.0 | 5.1 | ----- | 0.0 | 7.6 | ----- |
| Carotid Endarterectomy | 7 | 0.0 | 2.0 | ----- | 0.0 | 3.4 | ----- | 0.0 | 4.8 | ----- |
| Hip Replacement/Reconstruction | 15 | 0.0 | 4.3 | ----- | 0.0 | 7.9 | ----- | 6.7 | 10.7 | ----- |
| Open Reduction of Hip Fracture | 4 | 0.0 | 4.4 | ----- | 0.0 | 8.8 | ----- | 25.0 | 12.7 | ----- |
| Prostatectomy | 10 | 0.0 | 0.7 | ----- | 0.0 | 1.5 | ----- | 0.0 | 2.5 | ----- |
| Cholecystectomy | 7 | 0.0 | 1.9 | ----- | 0.0 | 3.4 | ----- | 0.0 | 4.4 | ----- |
| Hysterectomy | 4 | 0.0 | 2.3 | ----- | 0.0 | 3.8 | ----- | 0.0 | 4.7 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# PARKWAY MEDICAL CENTER HOSPITAL

Medicare Provider Number: 010054

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| DEMOGRAPHICS: | |
|---|---|
| Average age at admission | 71.9 years |
| Proportion female | 57.3 % |
| **ADMISSION SOURCES/TYPES:** | |
| Referred by personal or HMO physician | 29.2 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.0 % |
| Admitted for emergency | 87.9 % |

| COMORBIDITIES: | |
|---|---|
| Cancer | 4.3 % |
| Chronic cardiovascular disease | 30.7 % |
| Chronic liver disease | 0.8 % |
| Chronic renal disease | 2.2 % |
| Chronic pulmonary disease | 20.2 % |
| Cerebrovascular degeneration | 5.6 % |
| Diabetes mellitus | 8.9 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| ORIGIN OF MEDICARE PATIENT ADMISSION: | |
|---|---|
| County/City | 78.1% |
| State | 20.5% |
| Outside State | 1.4% |
| Total | 100.0% |

| MEDICARE AVERAGE LENGTH OF STAY: | |
|---|---|
| Hospital | 7.3 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1990

| PROFILE: | |
|---|---|
| Total Beds | 120 |
| Ownership/Control | Private, For Profit |
| Case Mix Index (CMI) | 1.1426 |
| **STAFFING:** | |
| Medical Residents/Interns | 0 |
| Registered Nurses | 29 |
| Licensed Practical Nurses | 41 |

| SPECIALTY SERVICES: | |
|---|---|
| Burn Unit | No |
| Coronary Care Unit | Yes |
| Hospice Care | Yes |
| Intensive Care Unit | Yes |
| Organ Transplant | No |
| Trauma Center | No |
| **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# PERRY COUNTY HOSPITAL

P O BOX 149 EAST LAFAYETTE STREET
MARION, AL 36756
Medicare Provider Number: 010155

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 75 | 17.3 | 15.7 | 5.0 | 24.0 | 23.0 | 5.2 | 25.3 | 28.1 | 5.8 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 0 | | | | | | | | | |
| Congestive Heart Failure | 1 | 0.0 | 10.5 | ----- | 0.0 | 16.8 | ----- | 0.0 | 23.7 | ----- |
| Pneumonia/Influenza | 6 | 33.3 | 13.7 | ----- | 50.0 | 18.2 | ----- | 50.0 | 21.3 | ----- |
| Chronic Obstructive Pulmonary Disease | 8 | 0.0 | 12.5 | ----- | 0.0 | 20.8 | ----- | 0.0 | 26.4 | ----- |
| Transient Cerebral Ischemia | 2 | 0.0 | 2.7 | ----- | 0.0 | 5.5 | ----- | 0.0 | 8.0 | ----- |
| Stroke | 2 | 0.0 | 26.2 | ----- | 0.0 | 32.9 | ----- | 0.0 | 37.4 | ----- |
| Hip Fracture | 0 | | | | | | | | | |
| Sepsis | 3 | 0.0 | 29.6 | ----- | 33.3 | 36.4 | ----- | 33.3 | 43.7 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 0 | | | | | | | | | |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES

No Graphs are presented when the standard deviation
was not computed for one or more of the three fiscal years,
(1988, 1989, or 1990)

# PERRY COUNTY HOSPITAL
Medicare Provider Number: 010155

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 77.6 years |
| Proportion female | 47.4 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 26.3 % |
| Transferred from skilled nursing facility | 43.4 % |
| Admitted for elective procedure | 0.0 % |
| Admitted for emergency | 96.1 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 3.9 % |
| Chronic cardiovascular disease | 30.3 % |
| Chronic liver disease | 2.6 % |
| Chronic renal disease | 2.6 % |
| Chronic pulmonary disease | 9.2 % |
| Cerebrovascular degeneration | 7.9 % |
| Diabetes mellitus | 6.6 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 84.5% |
| State | 14.1% |
| Outside State | 1.4% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 4.0 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: Health Care Financing Administration (OSCAR)** - Survey Year 1991

PROFILE:

| | |
|---|---|
| Total Beds | 15 |
| Ownership/Control | Local Government |
| Case Mix Index (CMI) | 1.0301 |

STAFFING:

| | |
|---|---|
| Medical Residents/Interns | 0 |
| Registered Nurses | 9 |
| Licensed Practical Nurses | 6 |

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Coronary Care Unit | No |
| Hospice Care | No |
| Intensive Care Unit | No |
| Organ Transplant | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# PHENIX MEDICAL PARK HOSPITAL

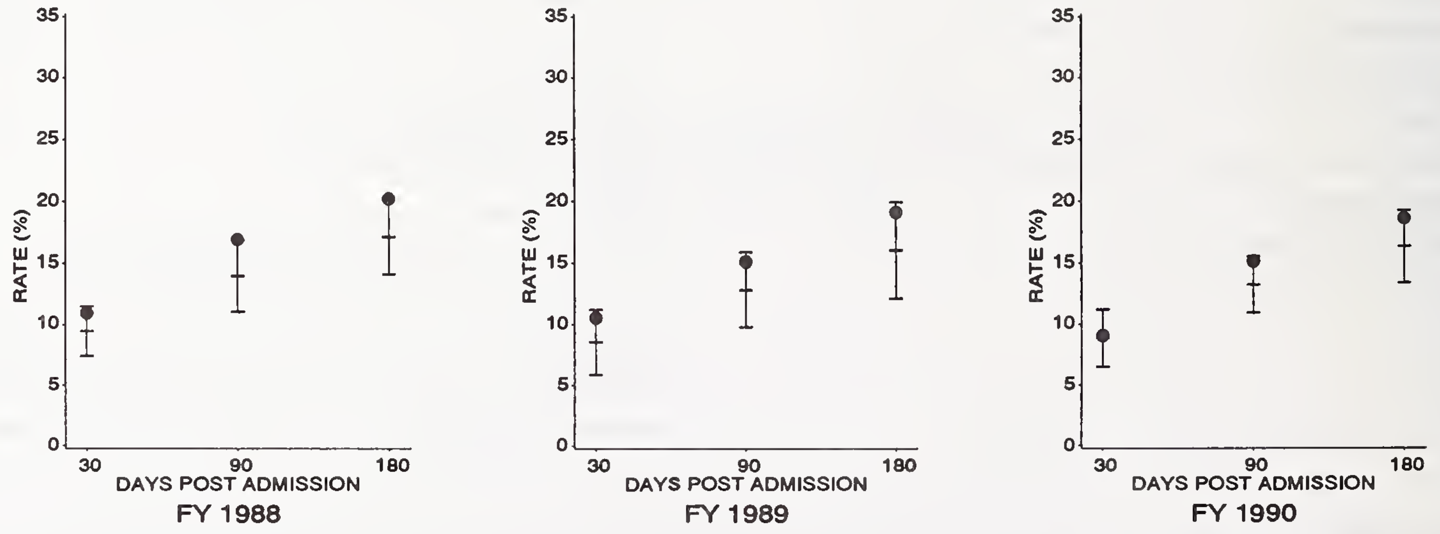
1707 21TH AVE
PHENIX CITY, AL 36867
Medicare Provider Number: 010031

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 1281 | 9.0 | 8.8 | 1.2 | 15.1 | 13.2 | 1.2 | 18.6 | 16.3 | 1.5 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 28 | 35.7 | 23.0 | ----- | 42.9 | 25.8 | ----- | 42.9 | 28.5 | ----- |
| Congestive Heart Failure | 57 | 12.3 | 12.1 | 4.5 | 14.0 | 19.3 | 7.7 | 19.3 | 24.8 | 8.1 |
| Pneumonia/Influenza | 86 | 10.5 | 12.5 | 4.2 | 22.1 | 17.4 | 4.9 | 29.1 | 20.7 | 5.8 |
| Chronic Obstructive Pulmonary Disease | 22 | 0.0 | 5.4 | ----- | 0.0 | 9.9 | ----- | 0.0 | 13.3 | ----- |
| Transient Cerebral Ischemia | 27 | 0.0 | 1.8 | ----- | 3.7 | 4.3 | ----- | 7.4 | 7.1 | ----- |
| Stroke | 67 | 11.9 | 18.0 | 7.2 | 20.9 | 23.5 | 6.7 | 22.4 | 27.0 | 7.2 |
| Hip Fracture | 21 | 4.8 | 6.5 | ----- | 14.3 | 11.4 | ----- | 19.0 | 14.5 | ----- |
| Sepsis | 23 | 34.8 | 24.2 | ----- | 39.1 | 32.0 | ----- | 39.1 | 36.3 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 5 | 0.0 | 2.5 | ----- | 0.0 | 4.7 | ----- | 0.0 | 6.8 | ----- |
| Carotid Endarterectomy | 5 | 0.0 | 1.6 | ----- | 0.0 | 3.0 | ----- | 0.0 | 4.3 | ----- |
| Hip Replacement/Reconstruction | 13 | 0.0 | 3.5 | ----- | 0.0 | 6.3 | ----- | 7.7 | 8.3 | ----- |
| Open Reduction of Hip Fracture | 10 | 10.0 | 6.6 | ----- | 20.0 | 12.1 | ----- | 20.0 | 15.6 | ----- |
| Prostatectomy | 39 | 0.0 | 0.9 | ----- | 2.6 | 2.2 | ----- | 5.1 | 3.8 | ----- |
| Cholecystectomy | 35 | 5.7 | 1.6 | ----- | 5.7 | 2.8 | ----- | 8.6 | 3.8 | ----- |
| Hysterectomy | 5 | 0.0 | 0.1 | ----- | 0.0 | 0.3 | ----- | 0.0 | 0.5 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# PHENIX MEDICAL PARK HOSPITAL

Medicare Provider Number: 010031

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 72.6 years |
| Proportion female | 60.7 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 89.3 % |
| Transferred from skilled nursing facility | 7.5 % |
| Admitted for elective procedure | 9.5 % |
| Admitted for emergency | 87.2 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 4.3 % |
| Chronic cardiovascular disease | 30.1 % |
| Chronic liver disease | 1.0 % |
| Chronic renal disease | 4.6 % |
| Chronic pulmonary disease | 13.0 % |
| Cerebrovascular degeneration | 2.7 % |
| Diabetes mellitus | 8.4 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 71.7% |
| State | 11.8% |
| Outside State | 16.5% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 10.1 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 234 |
| Occupancy Rate | 41.0 % |
| Ownership/Control | Local Government |
| Medicare Discharges | 49.1 % |
| Case Mix Index (CMI) | 1.2461 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | 36 |
| Percent of Physicians Board Certified Specialists | 69.4 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 93 |
| Licensed Practical Nurses | 49 |

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | Yes |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | Yes |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# PICKENS COUNTY MEDICAL CENTER INC

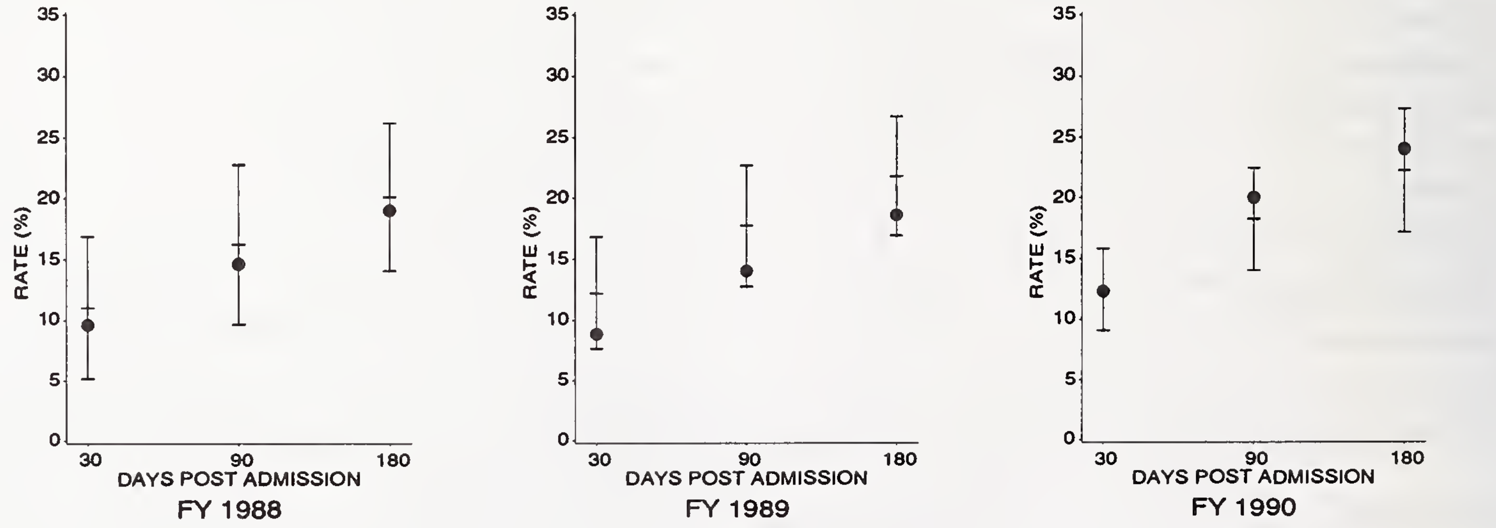
HWY 17 NORTH PO BOX 478
CARROLTON, AL 35447
Medicare Provider Number: 010109

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 471 | 12.3 | 12.4 | 1.7 | 20.0 | 18.2 | 2.1 | 24.0 | 22.2 | 2.5 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 8 | 37.5 | 36.1 | ----- | 50.0 | 38.2 | ----- | 50.0 | 41.0 | ----- |
| Congestive Heart Failure | 27 | 25.9 | 17.4 | ----- | 33.3 | 27.1 | ----- | 44.4 | 34.1 | ----- |
| Pneumonia/Influenza | 48 | 16.7 | 19.0 | ----- | 20.8 | 25.2 | ----- | 25.0 | 29.2 | ----- |
| Chronic Obstructive Pulmonary Disease | 8 | 0.0 | 8.9 | ----- | 12.5 | 16.8 | ----- | 12.5 | 22.8 | ----- |
| Transient Cerebral Ischemia | 10 | 0.0 | 1.5 | ----- | 10.0 | 3.7 | ----- | 10.0 | 6.6 | ----- |
| Stroke | 21 | 19.0 | 24.9 | ----- | 38.1 | 31.2 | ----- | 47.6 | 35.2 | ----- |
| Hip Fracture | 1 | 0.0 | 1.2 | ----- | 0.0 | 2.0 | ----- | 0.0 | 2.7 | ----- |
| Sepsis | 11 | 45.5 | 25.4 | ----- | 54.5 | 33.2 | ----- | 54.5 | 38.2 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 1 | 0.0 | 2.0 | ----- | 0.0 | 3.4 | ----- | 0.0 | 5.1 | ----- |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 4 | 0.0 | 4.3 | ----- | 0.0 | 8.0 | ----- | 0.0 | 10.1 | ----- |
| Hysterectomy | 1 | 0.0 | 0.1 | ----- | 0.0 | 0.3 | ----- | 0.0 | 0.5 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# PICKENS COUNTY MEDICAL CENTER INC
Medicare Provider Number: 010109

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | |
|---|---|
| **DEMOGRAPHICS:** | |
| Average age at admission | 77.3 years |
| Proportion female | 63.7 % |
| **ADMISSION SOURCES/TYPES:** | |
| Referred by personal or HMO physician | 13.6 % |
| Transferred from skilled nursing facility | 0.2 % |
| Admitted for elective procedure | 0.2 % |
| Admitted for emergency | 94.7 % |

| | |
|---|---|
| **COMORBIDITIES:** | |
| Cancer | 5.7 % |
| Chronic cardiovascular disease | 34.0 % |
| Chronic liver disease | 0.6 % |
| Chronic renal disease | 5.3 % |
| Chronic pulmonary disease | 7.4 % |
| Cerebrovascular degeneration | 1.9 % |
| Diabetes mellitus | 8.3 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | |
|---|---|
| **ORIGIN OF MEDICARE PATIENT ADMISSION:** | |
| County/City | 88.0% |
| State | 9.6% |
| Outside State | 2.4% |
| Total | 100.0% |

| | |
|---|---|
| **MEDICARE AVERAGE LENGTH OF STAY:** | |
| Hospital | 7.7 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | |
|---|---|
| **PROFILE:** | |
| Total Beds | 56 |
| Occupancy Rate | 46.0 % |
| Ownership.Control | Private, Non-Profit |
| Medicare Discharges | 61.6 % |
| Case Mix Index (CMI) | 1.1121 |
| **STAFFING:** | |
| Total Number of Physicians | 10 |
| Percent of Physicians Board Certified Specialists | 70.0 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 18 |
| Licensed Practical Nurses | 14 |

| | |
|---|---|
| **SPECIALTY SERVICES:** | |
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |
| **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | Yes |

** Except for CMI

*** Not used in calculating mortality rates**

# PIEDMONT HOSPITAL

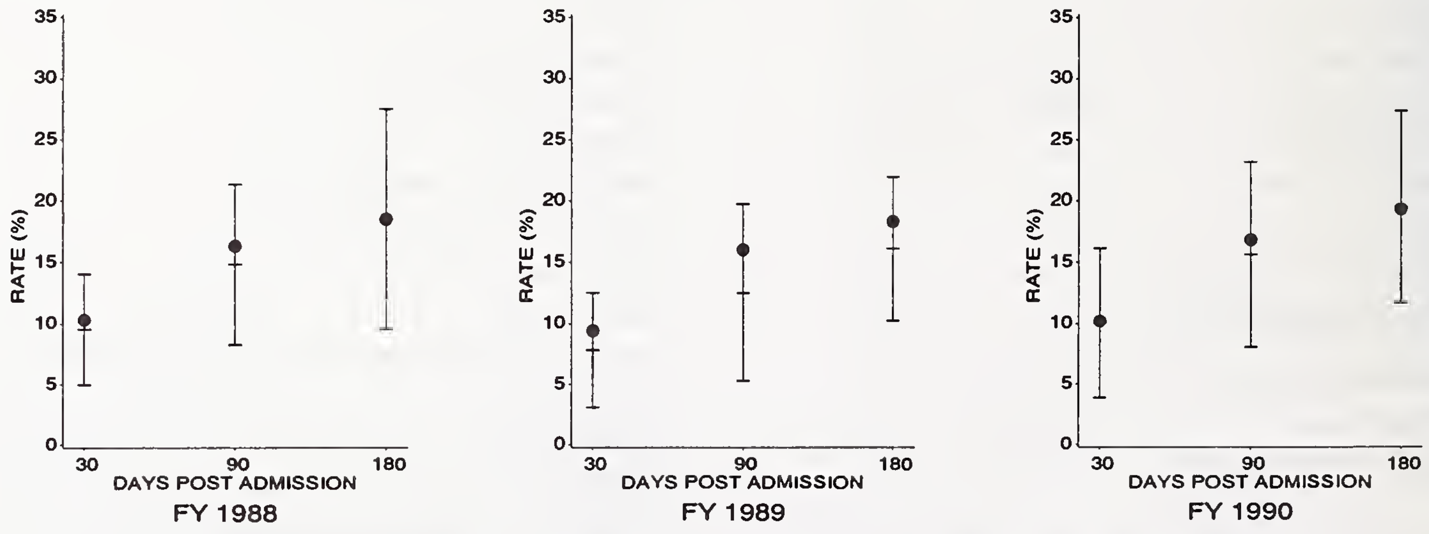
612 CALHOUN ST BOX 330
PIEDMONT, AL 36272
Medicare Provider Number: 010020

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 197 | 10.2 | 10.0 | 3.1 | 16.8 | 15.6 | 3.8 | 19.3 | 19.5 | 3.9 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 9 | 55.6 | 24.7 | ----- | 66.7 | 29.1 | ----- | 66.7 | 32.2 | ----- |
| Congestive Heart Failure | 5 | 0.0 | 7.8 | ----- | 0.0 | 12.8 | ----- | 0.0 | 16.7 | ----- |
| Pneumonia/Influenza | 16 | 12.5 | 12.8 | ----- | 12.5 | 17.7 | ----- | 12.5 | 21.0 | ----- |
| Chronic Obstructive Pulmonary Disease | 8 | 0.0 | 6.7 | ----- | 12.5 | 12.7 | ----- | 12.5 | 17.0 | ----- |
| Transient Cerebral Ischemia | 7 | 0.0 | 4.6 | ----- | 0.0 | 10.4 | ----- | 0.0 | 15.8 | ----- |
| Stroke | 2 | 0.0 | 29.1 | ----- | 50.0 | 33.3 | ----- | 50.0 | 36.4 | ----- |
| Hip Fracture | 0 | | | | | | | | | |
| Sepsis | 3 | 33.3 | 23.6 | ----- | 33.3 | 30.2 | ----- | 33.3 | 35.4 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 0 | | | | | | | | | |
| Hysterectomy | 2 | 0.0 | 1.8 | ----- | 0.0 | 4.6 | ----- | 0.0 | 7.9 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# PIEDMONT HOSPITAL

Medicare Provider Number: 010020

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

### DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 75.0 years |
| Proportion female | 63.5 % |

### ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 76.1 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 7.1 % |
| Admitted for emergency | 21.8 % |

### COMORBIDITIES:

| | |
|---|---|
| Cancer | 5.6 % |
| Chronic cardiovascular disease | 35.5 % |
| Chronic liver disease | 1.0 % |
| Chronic renal disease | 3.6 % |
| Chronic pulmonary disease | 15.2 % |
| Cerebrovascular degeneration | 0.0 % |
| Diabetes mellitus | 12.7 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

### ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 92.4% |
| State | 4.9% |
| Outside State | 2.7% |
| Total | 100.0% |

### MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 7.6 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

### PROFILE:

| | |
|---|---|
| Total Beds | 65 |
| Occupancy Rate | 66.0 % |
| Ownership.Control | Private, Non-Profit |
| Medicare Discharges | (Not Available) |
| Case Mix Index (CMI) | 1.0938 |

### STAFFING:

| | |
|---|---|
| Total Number of Physicians | (Not Available) |
| Percent of Physicians Board Certified Specialists | (Not Available) |
| Medical Residents/Interns | (Not Available) |
| Registered Nurses | (Not Available) |
| Licensed Practical Nurses | (Not Available) |

### SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | Yes |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

### OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | Yes |

** Except for CMI

*** Not used in calculating mortality rates**

# PROVIDENCE HOSPITAL

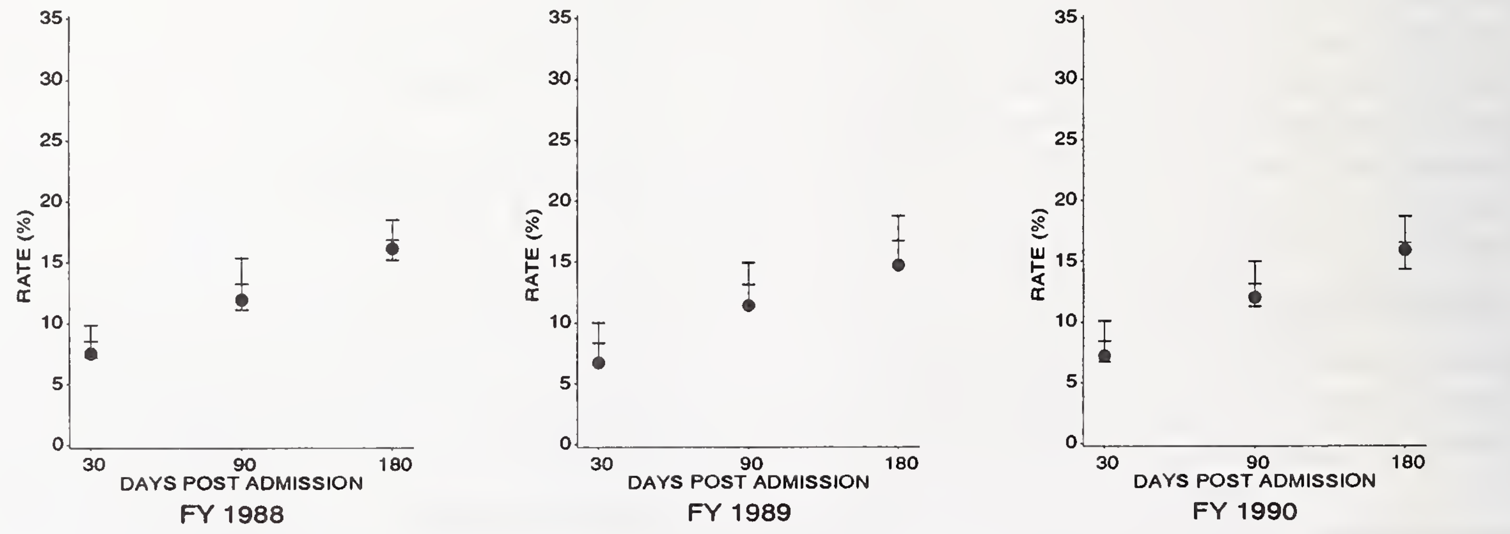
6801 AIRPORT BOULEVARD
MOBILE, AL 36608
Medicare Provider Number: 010090

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| | | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| CATEGORY | NUMBER OF CASES | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 3275 | 7.2 | 8.4 | 0.8 | 12.0 | 13.1 | 0.9 | 15.9 | 16.5 | 1.1 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 73 | 21.9 | 28.2 | 6.0 | 24.7 | 31.5 | 6.6 | 27.4 | 34.1 | 6.7 |
| Congestive Heart Failure | 143 | 14.0 | 13.1 | 2.9 | 21.0 | 21.2 | 3.4 | 26.6 | 27.3 | 4.6 |
| Pneumonia/Influenza | 115 | 14.8 | 14.8 | 3.5 | 20.0 | 20.5 | 4.5 | 22.6 | 24.3 | 5.6 |
| Chronic Obstructive Pulmonary Disease | 85 | 7.1 | 7.7 | 3.4 | 17.6 | 14.3 | 4.6 | 22.4 | 19.3 | 5.1 |
| Transient Cerebral Ischemia | 44 | 0.0 | 1.6 | ----- | 2.3 | 3.6 | ----- | 9.1 | 5.7 | ----- |
| Stroke | 119 | 18.5 | 17.2 | 3.7 | 26.1 | 23.0 | 4.4 | 29.4 | 26.4 | 4.5 |
| Hip Fracture | 58 | 6.9 | 6.0 | 3.2 | 12.1 | 10.7 | 4.2 | 13.8 | 13.9 | 4.6 |
| Sepsis | 43 | 23.3 | 24.0 | ----- | 30.2 | 32.1 | ----- | 30.2 | 37.5 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 53 | 5.7 | 2.9 | 2.9 | 7.5 | 3.7 | 3.4 | 9.4 | 4.5 | 4.0 |
| Coronary Artery Bypass Graft | 88 | 6.8 | 6.1 | 2.8 | 8.0 | 8.6 | 3.0 | 8.0 | 9.7 | 3.3 |
| Initial Pacemaker Insertion | 31 | 0.0 | 2.1 | ----- | 0.0 | 4.5 | ----- | 16.1 | 7.1 | ----- |
| Carotid Endarterectomy | 18 | 0.0 | 1.5 | ----- | 0.0 | 2.8 | ----- | 0.0 | 4.1 | ----- |
| Hip Replacement/Reconstruction | 72 | 2.8 | 2.4 | 2.3 | 4.2 | 4.6 | 2.6 | 4.2 | 6.4 | 3.4 |
| Open Reduction of Hip Fracture | 21 | 9.5 | 5.2 | ----- | 14.3 | 9.5 | ----- | 19.0 | 12.4 | ----- |
| Prostatectomy | 68 | 0.0 | 0.9 | 1.4 | 1.5 | 2.1 | 1.8 | 2.9 | 3.5 | 2.3 |
| Cholecystectomy | 82 | 1.2 | 1.8 | 1.7 | 2.4 | 3.2 | 2.5 | 2.4 | 4.4 | 2.9 |
| Hysterectomy | 25 | 0.0 | 0.4 | ----- | 4.0 | 1.1 | ----- | 4.0 | 1.8 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

# PROVIDENCE HOSPITAL

Medicare Provider Number: 010090

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | | | |
|---|---|---|---|
| DEMOGRAPHICS: | | COMORBIDITIES: | |
| Average age at admission | 71.6 years | Cancer | 8.2 % |
| Proportion female | 55.7 % | Chronic cardiovascular disease | 32.5 % |
| ADMISSION SOURCES/TYPES: | | Chronic liver disease | 1.1 % |
| Referred by personal or HMO physician | 60.2 % | Chronic renal disease | 7.7 % |
| Transferred from skilled nursing facility | 0.1 % | Chronic pulmonary disease | 20.0 % |
| Admitted for elective procedure | 16.9 % | Cerebrovascular degeneration | 3.4 % |
| Admitted for emergency | 80.3 % | Diabetes mellitus | 10.8 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | | | |
|---|---|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | | MEDICARE AVERAGE LENGTH OF STAY: | |
| County/City | 74.9% | Hospital | 7.9 Days |
| State | 17.6% | State | 7.9 Days |
| Outside State | 7.5% | National | 8.6 Days |
| Total | 100.0% | | |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | | | |
|---|---|---|---|
| PROFILE: | | SPECIALTY SERVICES: | |
| Total Beds | 349 | Burn Unit | No |
| Occupancy Rate | 68.0 % | Cardiac Intensive Care | Yes |
| Ownership/Control | Church | Comprehensive Geriatric | No |
| Medicare Discharges | 43.1 % | Hospice Care | No |
| Case Mix Index (CMI) | 1.4847 | Medical/Surgical Intensive Care | Yes |
| STAFFING: | | Organ/Tissue Transplant | No |
| Total Number of Physicians | 293 | Other Intensive Care | Yes |
| Percent of Physicians Board Certified Specialists | 79.9 % | Trauma Center | No |
| | | OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| Medical Residents/Interns | 0 | Alcohol/Drug | No |
| Registered Nurses | 378 | Rehabilitation | No |
| Licensed Practical Nurses | 99 | Psychiatric | Yes |
| | | Medicare Swing Beds | No |

** Except for CMI

* Not used in calculating mortality rates

# RANDOLPH COUNTY HOSPITAL

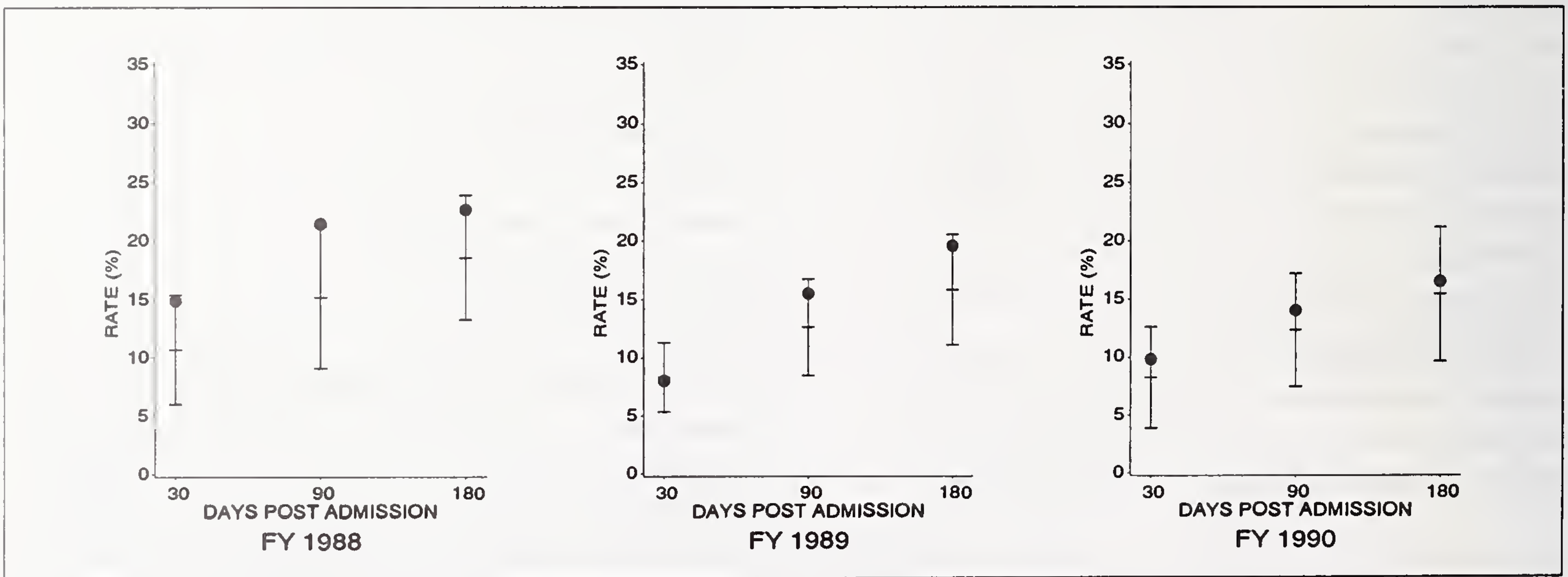
1000 WADLEY HWY BOX 669
ROANOKE, AL 36274
Medicare Provider Number: 010098

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 437 | 9.8 | 8.2 | 2.2 | 14.0 | 12.3 | 2.4 | 16.5 | 15.4 | 2.9 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 20 | 25.0 | 16.9 | ----- | 35.0 | 20.0 | ----- | 40.0 | 22.8 | ----- |
| Congestive Heart Failure | 30 | 33.3 | 15.1 | ----- | 40.0 | 24.0 | ----- | 43.3 | 30.4 | ----- |
| Pneumonia/Influenza | 47 | 12.8 | 13.5 | ----- | 19.1 | 18.6 | ----- | 23.4 | 21.8 | ----- |
| Chronic Obstructive Pulmonary Disease | 5 | 20.0 | 4.9 | ----- | 20.0 | 9.7 | ----- | 20.0 | 13.2 | ----- |
| Transient Cerebral Ischemia | 6 | 0.0 | 1.4 | ----- | 0.0 | 3.6 | ----- | 0.0 | 6.4 | ----- |
| Stroke | 30 | 23.3 | 21.0 | ----- | 33.3 | 27.2 | ----- | 36.7 | 31.2 | ----- |
| Hip Fracture | 1 | 0.0 | 4.2 | ----- | 0.0 | 7.2 | ----- | 0.0 | 10.6 | ----- |
| Sepsis | 0 | | | | | | | | | |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 2 | 0.0 | 0.3 | ----- | 0.0 | 0.6 | ----- | 0.0 | 0.9 | ----- |
| Hysterectomy | 3 | 0.0 | 0.3 | ----- | 0.0 | 0.7 | ----- | 0.0 | 1.2 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD)
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# RANDOLPH COUNTY HOSPITAL

Medicare Provider Number: 010098

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 74.1 years |
| Proportion female | 62.9 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 45.5 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 58.1 % |
| Admitted for emergency | 41.2 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 4.1 % |
| Chronic cardiovascular disease | 37.8 % |
| Chronic liver disease | 1.1 % |
| Chronic renal disease | 2.5 % |
| Chronic pulmonary disease | 17.4 % |
| Cerebrovascular degeneration | 1.8 % |
| Diabetes mellitus | 5.9 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 82.3% |
| State | 14.9% |
| Outside State | 2.8% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 8.1 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 66 |
| Occupancy Rate | 65.0 % |
| Ownership/Control | Local Government |
| Medicare Discharges | 31.4 % |
| Case Mix Index (CMI) | 1.0522 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | 17 |
| Percent of Physicians Board Certified Specialists | 35.3 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 26 |
| Licensed Practical Nurses | 16 |

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | Yes |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | Yes |

** Except for CMI

* Not used in calculating mortality rates

# RED BAY HOSPITAL

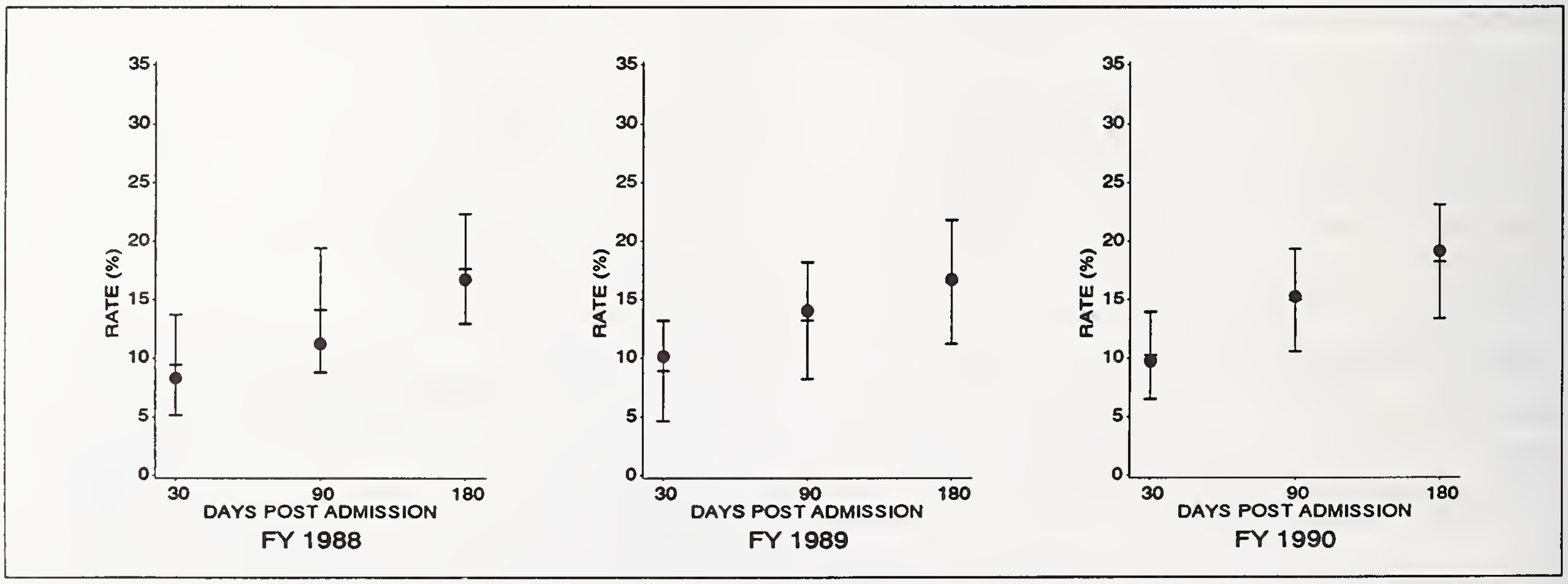
211 HOSPITAL RD BOX 490
RED BAY, AL 35582
Medicare Provider Number: 010115

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | PRED | SD* | 90 DAYS OBS | PRED | SD* | 180 DAYS OBS | PRED | SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 277 | 9.7 | 10.2 | 1.9 | 15.2 | 14.9 | 2.2 | 19.1 | 18.2 | 2.4 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 5 | 100.0 | 39.9 | ----- | 100.0 | 44.3 | ----- | 100.0 | 47.7 | ----- |
| Congestive Heart Failure | 14 | 28.6 | 14.9 | ----- | 35.7 | 24.8 | ----- | 35.7 | 31.1 | ----- |
| Pneumonia/Influenza | 44 | 13.6 | 18.8 | ----- | 25.0 | 24.9 | ----- | 29.5 | 28.4 | ----- |
| Chronic Obstructive Pulmonary Disease | 7 | 14.3 | 6.8 | ----- | 14.3 | 13.1 | ----- | 28.6 | 17.8 | ----- |
| Transient Cerebral Ischemia | 12 | 0.0 | 2.3 | ----- | 8.3 | 5.2 | ----- | 16.7 | 8.3 | ----- |
| Stroke | 16 | 18.8 | 21.5 | ----- | 18.8 | 26.7 | ----- | 25.0 | 30.2 | ----- |
| Hip Fracture | 0 | | | | | | | | | |
| Sepsis | 0 | | | | | | | | | |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 1 | 0.0 | 1.7 | ----- | 0.0 | 2.5 | ----- | 0.0 | 3.0 | ----- |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# RED BAY HOSPITAL

Medicare Provider Number: 010115

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | |
|---|---|
| DEMOGRAPHICS: | |
| Average age at admission | 76.1 years |
| Proportion female | 62.1 % |
| ADMISSION SOURCES/TYPES: | |
| Referred by personal or HMO physician | 96.4 % |
| Transferred from skilled nursing facility | 2.5 % |
| Admitted for elective procedure | 0.7 % |
| Admitted for emergency | 98.2 % |

| | |
|---|---|
| COMORBIDITIES: | |
| Cancer | 4.3 % |
| Chronic cardiovascular disease | 44.8 % |
| Chronic liver disease | 0.4 % |
| Chronic renal disease | 1.4 % |
| Chronic pulmonary disease | 15.5 % |
| Cerebrovascular degeneration | 3.2 % |
| Diabetes mellitus | 5.8 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | |
|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | |
| County/City | 57.0% |
| State | 2.3% |
| Outside State | 40.7% |
| Total | 100.0% |

| | |
|---|---|
| MEDICARE AVERAGE LENGTH OF STAY: | |
| Hospital | 7.3 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | |
|---|---|
| PROFILE: | |
| Total Beds | 31 |
| Occupancy Rate | 48.0 % |
| Ownership/Control | Local Government |
| Medicare Discharges | 63.2 % |
| Case Mix Index (CMI) | 0.9153 |
| STAFFING: | |
| Total Number of Physicians | 5 |
| Percent of Physicians Board Certified Specialists | 100.0 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 14 |
| Licensed Practical Nurses | 12 |

| | |
|---|---|
| SPECIALTY SERVICES: | |
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |
| OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | Yes |

** Except for CMI

* Not used in calculating mortality rates

# RIVERVIEW REGIONAL MEDICAL CENTER

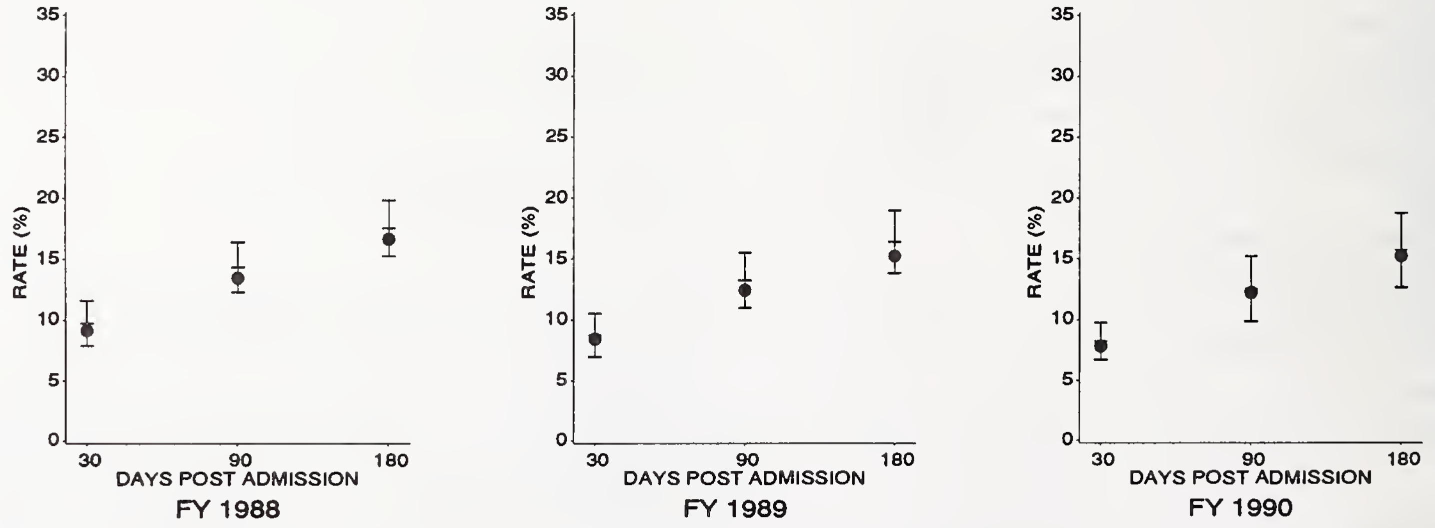
600 S THIRD ST
GADSDEN, AL 35902
Medicare Provider Number: 010046

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | PRED | SD* | 90 DAYS OBS | PRED | SD* | 180 DAYS OBS | PRED | SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 2045 | 7.8 | 8.2 | 0.8 | 12.2 | 12.5 | 1.3 | 15.2 | 15.7 | 1.5 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 62 | 24.2 | 24.1 | 8.9 | 30.6 | 26.8 | 7.2 | 32.3 | 29.3 | 6.3 |
| Congestive Heart Failure | 110 | 21.8 | 12.9 | 5.0 | 31.8 | 20.7 | 5.4 | 34.5 | 26.6 | 5.1 |
| Pneumonia/Influenza | 141 | 15.6 | 14.6 | 3.9 | 19.1 | 20.1 | 4.0 | 24.1 | 23.9 | 5.4 |
| Chronic Obstructive Pulmonary Disease | 26 | 11.5 | 7.9 | ----- | 23.1 | 14.2 | ----- | 23.1 | 18.8 | ----- |
| Transient Cerebral Ischemia | 43 | 2.3 | 1.8 | ----- | 2.3 | 4.0 | ----- | 4.7 | 6.5 | ----- |
| Stroke | 83 | 12.0 | 18.4 | 6.3 | 16.9 | 24.9 | 8.4 | 24.1 | 28.5 | 8.4 |
| Hip Fracture | 47 | 2.1 | 6.0 | ----- | 4.3 | 10.2 | ----- | 6.4 | 13.3 | ----- |
| Sepsis | 13 | 38.5 | 28.2 | ----- | 53.8 | 41.1 | ----- | 61.5 | 47.6 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 29 | 0.0 | 3.8 | ----- | 0.0 | 4.7 | ----- | 0.0 | 5.6 | ----- |
| Coronary Artery Bypass Graft | 30 | 0.0 | 4.9 | ----- | 6.7 | 6.9 | ----- | 13.3 | 7.9 | ----- |
| Initial Pacemaker Insertion | 44 | 0.0 | 3.2 | ----- | 2.3 | 6.1 | ----- | 4.5 | 8.8 | ----- |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 23 | 4.3 | 4.4 | ----- | 8.7 | 7.5 | ----- | 13.0 | 10.0 | ----- |
| Open Reduction of Hip Fracture | 28 | 0.0 | 5.4 | ----- | 0.0 | 9.7 | ----- | 0.0 | 12.9 | ----- |
| Prostatectomy | 42 | 0.0 | 1.3 | ----- | 0.0 | 3.3 | ----- | 4.8 | 5.7 | ----- |
| Cholecystectomy | 46 | 2.2 | 2.6 | ----- | 4.3 | 4.8 | ----- | 4.3 | 6.4 | ----- |
| Hysterectomy | 18 | 0.0 | 0.3 | ----- | 0.0 | 0.7 | ----- | 0.0 | 1.2 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# RIVERVIEW REGIONAL MEDICAL CENTER

Medicare Provider Number: 010046

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 72.9 years |
| Proportion female | 57.8 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 40.0 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 25.8 % |
| Admitted for emergency | 59.9 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 5.5 % |
| Chronic cardiovascular disease | 43.2 % |
| Chronic liver disease | 0.8 % |
| Chronic renal disease | 3.5 % |
| Chronic pulmonary disease | 39.4 % |
| Cerebrovascular degeneration | 1.8 % |
| Diabetes mellitus | 13.9 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 76.9% |
| State | 21.5% |
| Outside State | 1.6% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 9.7 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 251 |
| Occupancy Rate | 51.0 % |
| Ownership.Control | Private, Non-Profit |
| Medicare Discharges | (Not Available) |
| Case Mix Index (CMI) | 1.2724 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | 104 |
| Percent of Physicians Board Certified Specialists | 69.2 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 136 |
| Licensed Practical Nurses | 18 |

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | Yes |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# RUSH HOSPITAL/BUTLER INC

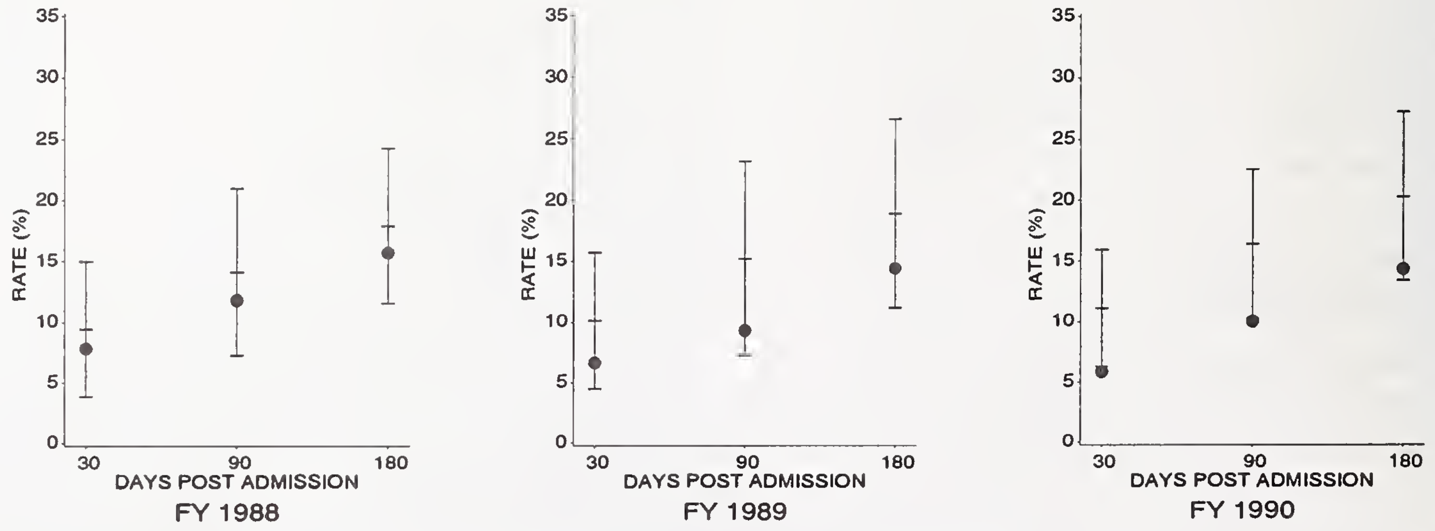
HIGHWAY 10 EAST
BUTLER, AL 36904
Medicare Provider Number: 010122

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | PRED | SD* | 90 DAYS OBS | PRED | SD* | 180 DAYS OBS | PRED | SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 259 | 5.8 | 11.1 | 2.4 | 10.0 | 16.4 | 3.1 | 14.3 | 20.3 | 3.5 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 11 | 9.1 | 42.1 | ----- | 9.1 | 46.7 | ----- | 9.1 | 51.0 | ----- |
| Congestive Heart Failure | 24 | 12.5 | 11.8 | ----- | 16.7 | 19.8 | ----- | 16.7 | 25.3 | ----- |
| Pneumonia/Influenza | 46 | 6.5 | 15.1 | ----- | 10.9 | 20.8 | ----- | 13.0 | 24.3 | ----- |
| Chronic Obstructive Pulmonary Disease | 4 | 0.0 | 8.8 | ----- | 0.0 | 16.3 | ----- | 25.0 | 22.9 | ----- |
| Transient Cerebral Ischemia | 5 | 0.0 | 1.3 | ----- | 0.0 | 3.2 | ----- | 0.0 | 5.6 | ----- |
| Stroke | 3 | 33.3 | 27.1 | ----- | 33.3 | 34.9 | ----- | 33.3 | 41.2 | ----- |
| Hip Fracture | 0 | | | | | | | | | |
| Sepsis | 5 | 40.0 | 56.8 | ----- | 60.0 | 69.9 | ----- | 60.0 | 74.7 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 0 | | | | | | | | | |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# RUSH HOSPITAL/BUTLER INC
Medicare Provider Number: 010122

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 76.5 years |
| Proportion female | 57.1 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 98.8 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.0 % |
| Admitted for emergency | 98.8 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 5.0 % |
| Chronic cardiovascular disease | 41.3 % |
| Chronic liver disease | 1.2 % |
| Chronic renal disease | 1.2 % |
| Chronic pulmonary disease | 17.8 % |
| Cerebrovascular degeneration | 5.8 % |
| Diabetes mellitus | 9.3 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 87.3% |
| State | 11.7% |
| Outside State | 1.0% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 5.2 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 65 |
| Occupancy Rate | 16.0 % |
| Ownership.Control | Private, Non-Profit |
| Medicare Discharges | (Not Available) |
| Case Mix Index (CMI) | 0.9526 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | (Not Available) |
| Percent of Physicians Board Certified Specialists | (Not Available) |
| Medical Residents/Interns | (Not Available) |
| Registered Nurses | (Not Available) |
| Licensed Practical Nurses | (Not Available) |

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | No |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# RUSSELL HOSPITAL

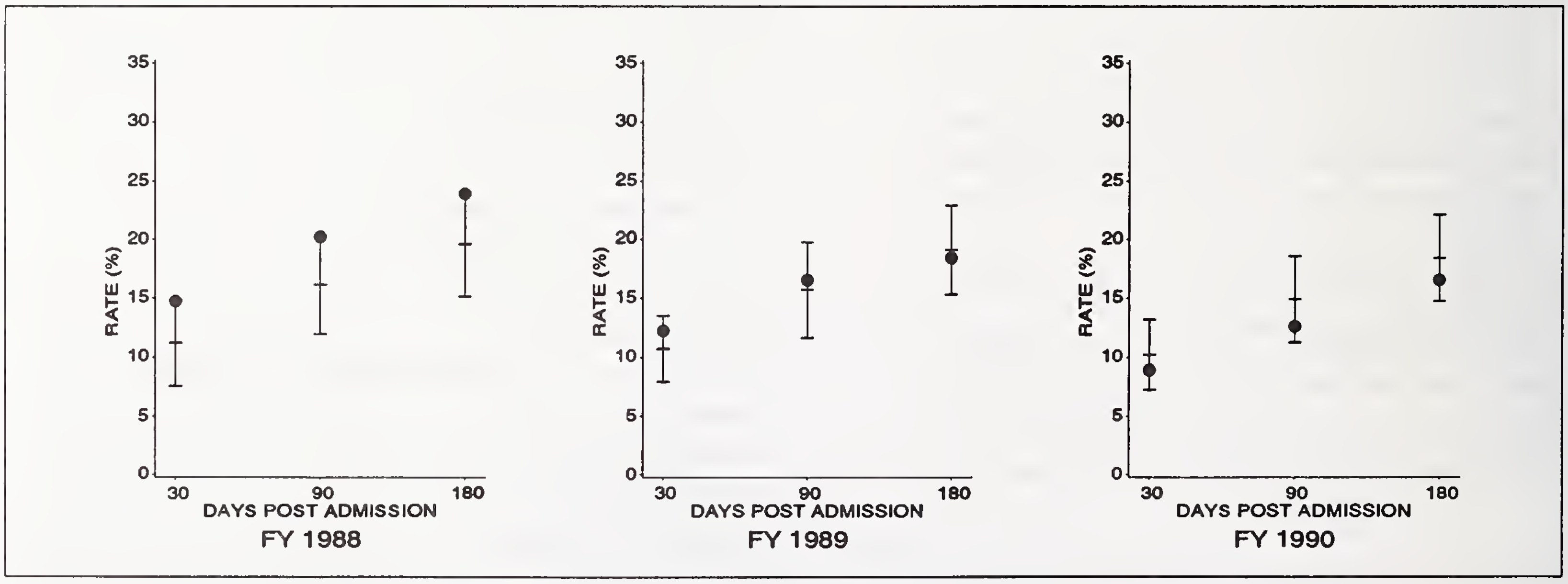
PO BOX 939
ALEXANDER CITY, AL 35010
Medicare Provider Number: 010065

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 705 | 8.9 | 10.2 | 1.5 | 12.6 | 14.9 | 1.8 | 16.5 | 18.4 | 1.9 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 23 | 34.8 | 28.9 | ----- | 34.8 | 32.1 | ----- | 34.8 | 35.1 | ----- |
| Congestive Heart Failure | 39 | 12.8 | 16.8 | ----- | 17.9 | 24.8 | ----- | 25.6 | 30.6 | ----- |
| Pneumonia/Influenza | 36 | 5.6 | 12.9 | ----- | 5.6 | 17.7 | ----- | 13.9 | 21.0 | ----- |
| Chronic Obstructive Pulmonary Disease | 15 | 0.0 | 7.9 | ----- | 0.0 | 14.1 | ----- | 0.0 | 18.1 | ----- |
| Transient Cerebral Ischemia | 14 | 7.1 | 1.3 | ----- | 7.1 | 3.1 | ----- | 7.1 | 5.2 | ----- |
| Stroke | 22 | 18.2 | 20.8 | ----- | 22.7 | 26.0 | ----- | 31.8 | 29.3 | ----- |
| Hip Fracture | 22 | 4.5 | 5.7 | ----- | 18.2 | 10.5 | ----- | 18.2 | 13.9 | ----- |
| Sepsis | 12 | 33.3 | 15.7 | ----- | 33.3 | 20.5 | ----- | 33.3 | 23.4 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 4 | 0.0 | 6.7 | ----- | 0.0 | 14.0 | ----- | 0.0 | 19.9 | ----- |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 10 | 0.0 | 2.7 | ----- | 0.0 | 5.1 | ----- | 0.0 | 6.9 | ----- |
| Open Reduction of Hip Fracture | 3 | 0.0 | 4.6 | ----- | 0.0 | 8.3 | ----- | 0.0 | 10.6 | ----- |
| Prostatectomy | 14 | 7.1 | 1.1 | ----- | 7.1 | 2.5 | ----- | 7.1 | 4.1 | ----- |
| Cholecystectomy | 19 | 0.0 | 1.3 | ----- | 0.0 | 2.6 | ----- | 0.0 | 3.8 | ----- |
| Hysterectomy | 5 | 0.0 | 0.2 | ----- | 0.0 | 0.3 | ----- | 0.0 | 0.5 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

# RUSSELL HOSPITAL
Medicare Provider Number: 010065

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | | | |
|---|---|---|---|
| DEMOGRAPHICS: | | COMORBIDITIES: | |
| Average age at admission | 74.5 years | Cancer | 7.1 % |
| Proportion female | 61.6 % | Chronic cardiovascular disease | 35.3 % |
| ADMISSION SOURCES/TYPES: | | Chronic liver disease | 0.9 % |
| Referred by personal or HMO physician | 35.0 % | Chronic renal disease | 4.7 % |
| Transferred from skilled nursing facility | 0.0 % | Chronic pulmonary disease | 24.7 % |
| Admitted for elective procedure | 10.9 % | Cerebrovascular degeneration | 2.6 % |
| Admitted for emergency | 85.5 % | Diabetes mellitus | 5.8 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | | | |
|---|---|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | | MEDICARE AVERAGE LENGTH OF STAY: | |
| County/City | 80.7% | Hospital | 6.5 Days |
| State | 18.5% | State | 7.9 Days |
| Outside State | 0.8% | National | 8.6 Days |
| Total | 100.0% | | |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | | | |
|---|---|---|---|
| PROFILE: | | SPECIALTY SERVICES: | |
| Total Beds | 74 | Burn Unit | No |
| Occupancy Rate | 52.0 % | Cardiac Intensive Care | Yes |
| Ownership.Control | Private, Non-Profit | Comprehensive Geriatric | No |
| Medicare Discharges | 33.6 % | Hospice Care | No |
| Case Mix Index (CMI) | 1.2011 | Medical/Surgical Intensive Care | No |
| STAFFING: | | Organ/Tissue Transplant | No |
| Total Number of Physicians | 21 | Other Intensive Care | No |
| Percent of Physicians Board Certified Specialists | 71.4 % | Trauma Center | No |
| | | OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| Medical Residents/Interns | 0 | Alcohol/Drug | No |
| Registered Nurses | 56 | Rehabilitation | No |
| Licensed Practical Nurses | 31 | Psychiatric | No |
| | | Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# SELMA MEDICAL CENTER HOSPITAL INC

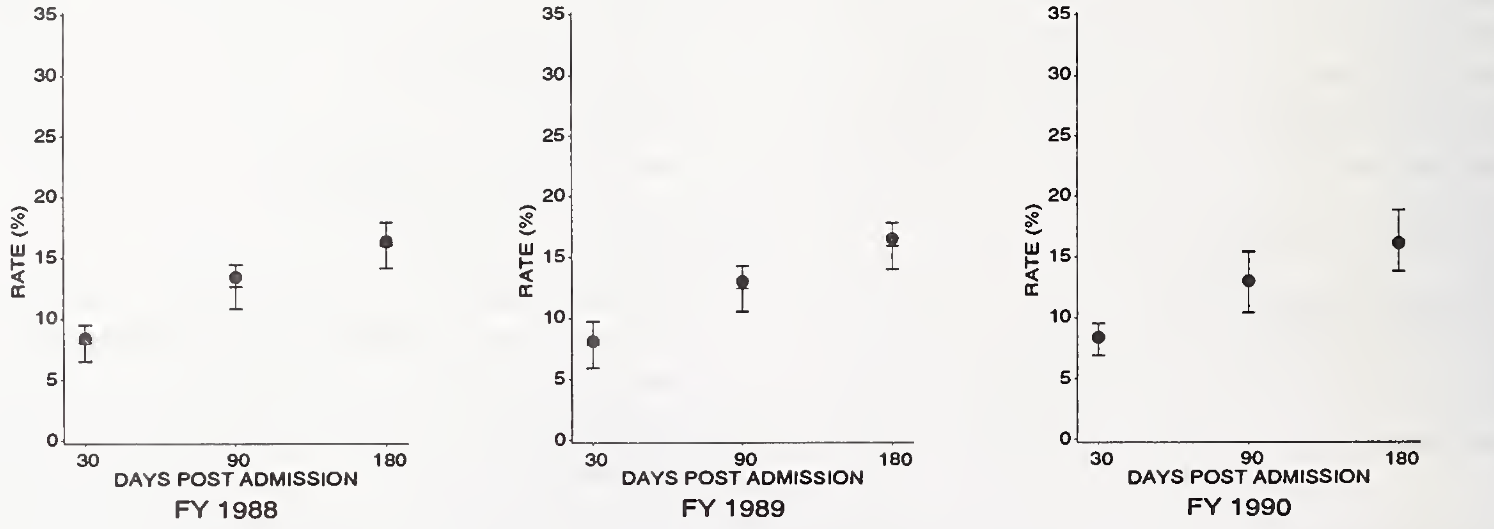
1015 MEDICAL CTR PARKWAY
SELMA, AL 36701
Medicare Provider Number: 010118

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 1813 | 8.4 | 8.2 | 0.7 | 13.0 | 12.9 | 1.3 | 16.1 | 16.3 | 1.3 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 26 | 34.6 | 27.6 | ----- | 38.5 | 31.0 | ----- | 38.5 | 33.6 | ----- |
| Congestive Heart Failure | 104 | 10.6 | 10.7 | 3.0 | 16.3 | 18.0 | 4.1 | 23.1 | 23.6 | 4.5 |
| Pneumonia/Influenza | 55 | 9.1 | 14.0 | 6.9 | 18.2 | 18.9 | 7.1 | 20.0 | 22.3 | 7.7 |
| Chronic Obstructive Pulmonary Disease | 9 | 0.0 | 5.7 | ----- | 0.0 | 10.5 | ----- | 0.0 | 14.2 | ----- |
| Transient Cerebral Ischemia | 33 | 0.0 | 1.9 | ----- | 3.0 | 3.9 | ----- | 3.0 | 5.9 | ----- |
| Stroke | 60 | 20.0 | 17.4 | 5.8 | 26.7 | 23.4 | 5.8 | 26.7 | 27.0 | 5.8 |
| Hip Fracture | 29 | 10.3 | 6.1 | ----- | 13.8 | 10.4 | ----- | 24.1 | 13.5 | ----- |
| Sepsis | 27 | 25.9 | 22.7 | ----- | 44.4 | 30.6 | ----- | 44.4 | 35.1 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 19 | 0.0 | 4.1 | ----- | 0.0 | 8.1 | ----- | 0.0 | 11.5 | ----- |
| Carotid Endarterectomy | 7 | 0.0 | 2.4 | ----- | 0.0 | 4.1 | ----- | 0.0 | 5.6 | ----- |
| Hip Replacement/Reconstruction | 12 | 16.7 | 3.8 | ----- | 25.0 | 7.2 | ----- | 41.7 | 10.1 | ----- |
| Open Reduction of Hip Fracture | 19 | 5.3 | 5.9 | ----- | 5.3 | 10.6 | ----- | 10.5 | 13.9 | ----- |
| Prostatectomy | 56 | 1.8 | 1.0 | 3.1 | 5.4 | 2.2 | 3.6 | 7.1 | 3.8 | 3.7 |
| Cholecystectomy | 31 | 6.5 | 2.7 | ----- | 6.5 | 5.0 | ----- | 6.5 | 6.8 | ----- |
| Hysterectomy | 10 | 0.0 | 1.2 | ----- | 10.0 | 2.8 | ----- | 10.0 | 4.3 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

# SELMA MEDICAL CENTER HOSPITAL INC

Medicare Provider Number: 010118

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 72.7 years |
| Proportion female | 58.0 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 93.3 % |
| Transferred from skilled nursing facility | 2.4 % |
| Admitted for elective procedure | 8.3 % |
| Admitted for emergency | 58.1 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 5.2 % |
| Chronic cardiovascular disease | 39.1 % |
| Chronic liver disease | 0.7 % |
| Chronic renal disease | 5.8 % |
| Chronic pulmonary disease | 18.6 % |
| Cerebrovascular degeneration | 6.1 % |
| Diabetes mellitus | 10.9 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 61.6% |
| State | 36.7% |
| Outside State | 1.7% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 8.3 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 192 |
| Occupancy Rate | 56.0 % |
| Ownership/Control | Private, For Profit |
| Medicare Discharges | 50.0 % |
| Case Mix Index (CMI) | 1.1902 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | 43 |
| Percent of Physicians Board Certified Specialists | 83.7 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 94 |
| Licensed Practical Nurses | 31 |

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | Yes |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# SHELBY MEDICAL CENTER

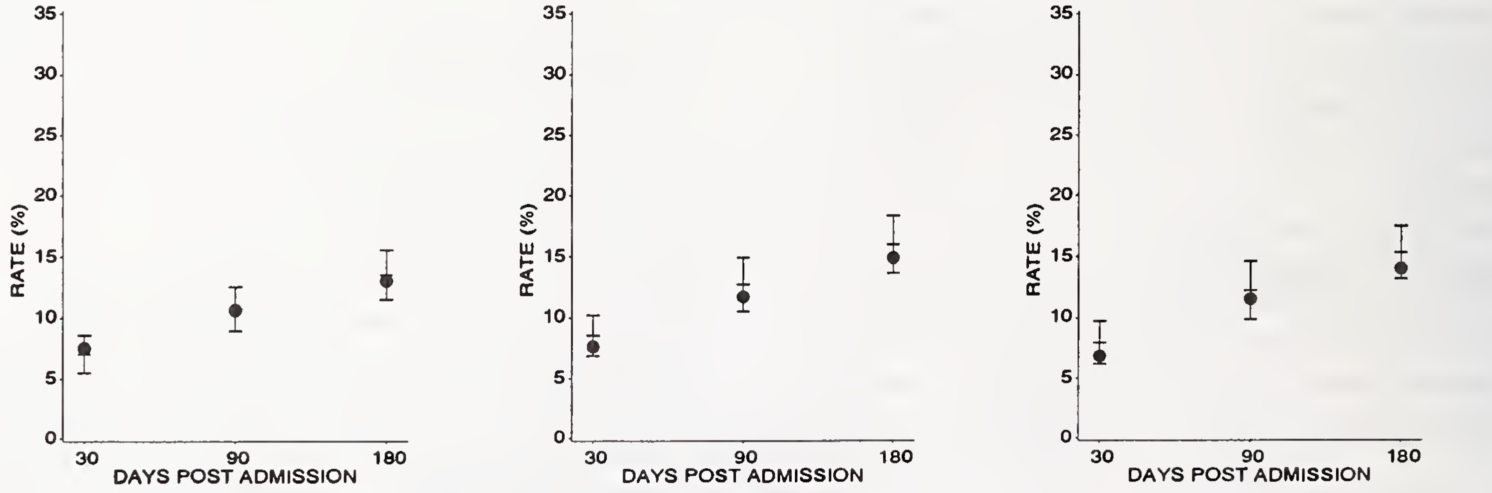
1000 1ST ST N BOX 488
ALABASTER, AL 35007
Medicare Provider Number: 010016

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 1638 | 6.8 | 7.9 | 0.9 | 11.5 | 12.2 | 1.2 | 14.0 | 15.3 | 1.1 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 36 | 41.7 | 33.1 | ----- | 47.2 | 36.4 | ----- | 52.8 | 39.4 | ----- |
| Congestive Heart Failure | 58 | 5.2 | 14.5 | 6.4 | 19.0 | 23.7 | 9.0 | 22.4 | 30.0 | 8.5 |
| Pneumonia/Influenza | 74 | 6.8 | 14.6 | 5.5 | 9.5 | 20.3 | 6.6 | 10.8 | 23.7 | 7.3 |
| Chronic Obstructive Pulmonary Disease | 63 | 6.3 | 7.0 | 3.5 | 11.1 | 12.7 | 5.2 | 11.1 | 16.9 | 5.8 |
| Transient Cerebral Ischemia | 26 | 0.0 | 1.5 | ----- | 0.0 | 3.4 | ----- | 0.0 | 5.4 | ----- |
| Stroke | 49 | 14.3 | 20.7 | ----- | 16.3 | 27.0 | ----- | 18.4 | 31.1 | ----- |
| Hip Fracture | 33 | 3.0 | 5.4 | ----- | 3.0 | 9.5 | ----- | 3.0 | 12.7 | ----- |
| Sepsis | 15 | 26.7 | 26.7 | ----- | 53.3 | 34.0 | ----- | 60.0 | 38.1 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 13 | 0.0 | 2.0 | ----- | 0.0 | 4.3 | ----- | 0.0 | 6.6 | ----- |
| Carotid Endarterectomy | 5 | 0.0 | 1.0 | ----- | 0.0 | 1.8 | ----- | 0.0 | 2.9 | ----- |
| Hip Replacement/Reconstruction | 31 | 3.2 | 2.8 | ----- | 3.2 | 5.0 | ----- | 3.2 | 6.7 | ----- |
| Open Reduction of Hip Fracture | 20 | 0.0 | 4.6 | ----- | 0.0 | 8.7 | ----- | 0.0 | 11.9 | ----- |
| Prostatectomy | 66 | 3.0 | 1.3 | 1.7 | 4.5 | 3.2 | 2.3 | 4.5 | 5.4 | 2.8 |
| Cholecystectomy | 36 | 0.0 | 2.3 | ----- | 2.8 | 4.2 | ----- | 2.8 | 5.6 | ----- |
| Hysterectomy | 3 | 0.0 | 1.6 | ----- | 0.0 | 3.4 | ----- | 0.0 | 5.2 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

# SHELBY MEDICAL CENTER

Medicare Provider Number: 010016

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | |
|---|---|
| **DEMOGRAPHICS:** | |
| Average age at admission | 73.3 years |
| Proportion female | 57.4 % |
| **ADMISSION SOURCES/TYPES:** | |
| Referred by personal or HMO physician | 43.5 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.2 % |
| Admitted for emergency | 64.7 % |

| | |
|---|---|
| **COMORBIDITIES:** | |
| Cancer | 4.4 % |
| Chronic cardiovascular disease | 28.6 % |
| Chronic liver disease | 0.7 % |
| Chronic renal disease | 1.9 % |
| Chronic pulmonary disease | 33.6 % |
| Cerebrovascular degeneration | 3.5 % |
| Diabetes mellitus | 8.5 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | |
|---|---|
| **ORIGIN OF MEDICARE PATIENT ADMISSION:** | |
| County/City | 62.5% |
| State | 36.6% |
| Outside State | 0.9% |
| Total | 100.0% |

| | |
|---|---|
| **MEDICARE AVERAGE LENGTH OF STAY:** | |
| Hospital | 6.7 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | |
|---|---|
| **PROFILE:** | |
| Total Beds | 138 |
| Occupancy Rate | 55.0 % |
| Ownership/Control | Local Government |
| Medicare Discharges | (Not Available) |
| Case Mix Index (CMI) | 1.1430 |
| **STAFFING:** | |
| Total Number of Physicians | 54 |
| Percent of Physicians Board Certified Specialists | 90.7 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 169 |
| Licensed Practical Nurses | 48 |

| | |
|---|---|
| **SPECIALTY SERVICES:** | |
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |
| **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | Yes |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# SOUTH BALDWIN HOSPITAL

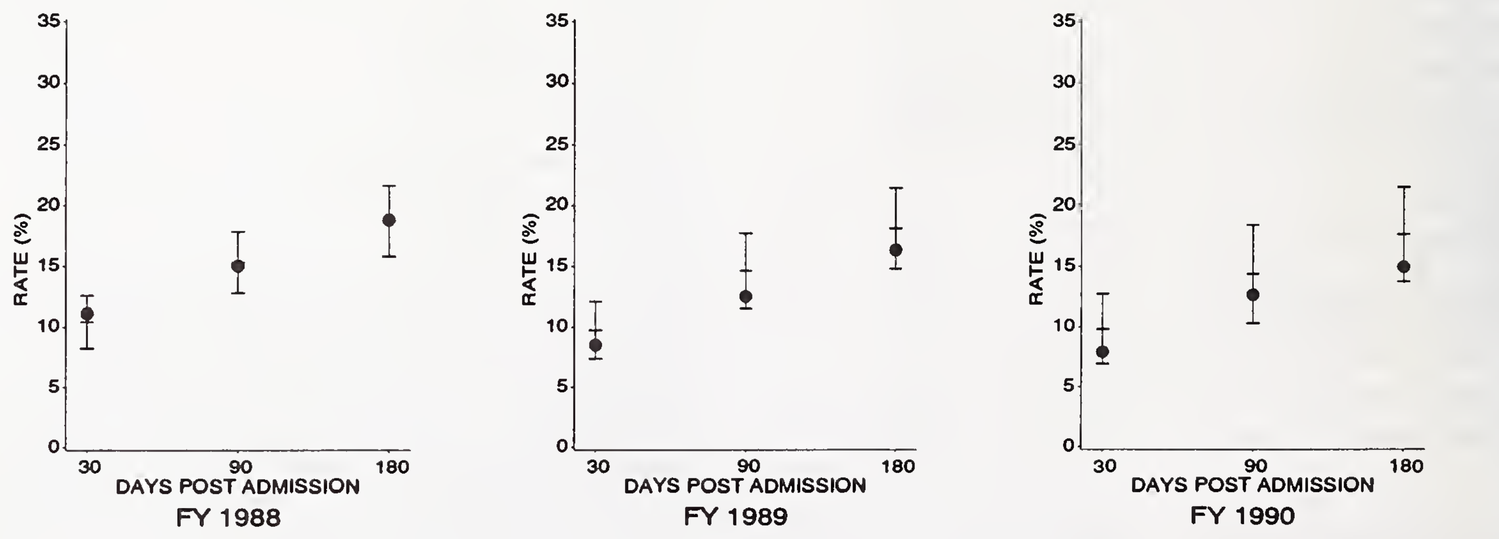
1613 N MCKENZIE
FOLEY, AL 36535
Medicare Provider Number: 010083

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 866 | 7.9 | 9.8 | 1.5 | 12.6 | 14.3 | 2.0 | 14.9 | 17.6 | 2.0 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 27 | 29.6 | 25.0 | ----- | 33.3 | 27.4 | ----- | 37.0 | 29.8 | ----- |
| Congestive Heart Failure | 73 | 13.7 | 13.0 | 4.5 | 23.3 | 20.8 | 5.2 | 27.4 | 26.7 | 5.7 |
| Pneumonia/Influenza | 47 | 14.9 | 16.2 | ----- | 21.3 | 22.3 | ----- | 23.4 | 26.3 | ----- |
| Chronic Obstructive Pulmonary Disease | 19 | 10.5 | 6.2 | ----- | 15.8 | 10.9 | ----- | 15.8 | 14.7 | ----- |
| Transient Cerebral Ischemia | 17 | 0.0 | 2.3 | ----- | 0.0 | 4.9 | ----- | 0.0 | 7.6 | ----- |
| Stroke | 36 | 8.3 | 19.4 | ----- | 19.4 | 25.8 | ----- | 19.4 | 29.5 | ----- |
| Hip Fracture | 25 | 4.0 | 6.8 | ----- | 12.0 | 11.8 | ----- | 16.0 | 15.5 | ----- |
| Sepsis | 16 | 12.5 | 21.5 | ----- | 25.0 | 27.7 | ----- | 37.5 | 32.0 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 2 | 0.0 | 1.6 | ----- | 0.0 | 3.5 | ----- | 0.0 | 5.9 | ----- |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 15 | 6.7 | 6.8 | ----- | 13.3 | 12.1 | ----- | 20.0 | 16.0 | ----- |
| Open Reduction of Hip Fracture | 9 | 0.0 | 6.2 | ----- | 11.1 | 11.1 | ----- | 11.1 | 14.9 | ----- |
| Prostatectomy | 13 | 0.0 | 0.7 | ----- | 0.0 | 1.6 | ----- | 0.0 | 2.6 | ----- |
| Cholecystectomy | 11 | 0.0 | 2.3 | ----- | 0.0 | 4.0 | ----- | 0.0 | 5.1 | ----- |
| Hysterectomy | 1 | 0.0 | 0.1 | ----- | 0.0 | 0.2 | ----- | 0.0 | 0.3 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# SOUTH BALDWIN HOSPITAL

Medicare Provider Number: 010083

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 74.9 years |
| Proportion female | 58.6 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 37.1 % |
| Transferred from skilled nursing facility | 0.1 % |
| Admitted for elective procedure | 3.5 % |
| Admitted for emergency | 85.6 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 5.7 % |
| Chronic cardiovascular disease | 41.5 % |
| Chronic liver disease | 0.8 % |
| Chronic renal disease | 1.7 % |
| Chronic pulmonary disease | 23.2 % |
| Cerebrovascular degeneration | 1.4 % |
| Diabetes mellitus | 7.8 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 86.8% |
| State | 3.6% |
| Outside State | 9.6% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 5.8 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 82 |
| Occupancy Rate | 43.0 % |
| Ownership/Control | Local Government |
| Medicare Discharges | 38.9 % |
| Case Mix Index (CMI) | 1.1236 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | 22 |
| Percent of Physicians Board Certified Specialists | 54.5 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 63 |
| Licensed Practical Nurses | 23 |

** Except for CMI

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

*** Not used in calculating mortality rates**

# SOUTHEAST ALABAMA MEDICAL CENTER

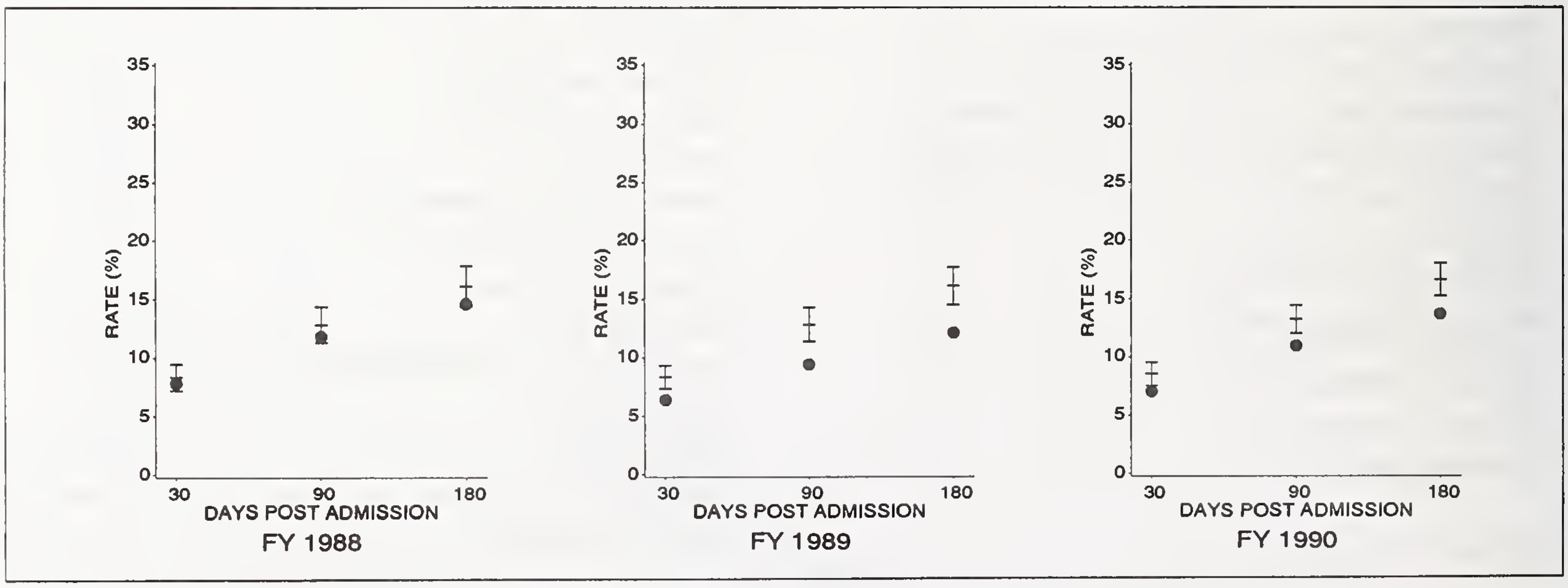
DRAWER 6987
DOTHAN, AL 36301
Medicare Provider Number: 010001

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 3695 | 7.0 | 8.5 | 0.5 | 10.9 | 13.2 | 0.6 | 13.7 | 16.6 | 0.7 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 110 | 18.2 | 25.2 | 6.5 | 22.7 | 28.0 | 6.0 | 24.5 | 30.6 | 6.6 |
| Congestive Heart Failure | 170 | 12.4 | 13.1 | 3.2 | 21.2 | 21.3 | 3.8 | 24.7 | 27.3 | 4.8 |
| Pneumonia/Influenza | 135 | 11.9 | 17.0 | 4.5 | 15.6 | 23.1 | 5.8 | 19.3 | 26.9 | 6.2 |
| Chronic Obstructive Pulmonary Disease | 68 | 5.9 | 7.6 | 4.1 | 11.8 | 13.6 | 4.3 | 14.7 | 18.2 | 5.2 |
| Transient Cerebral Ischemia | 63 | 0.0 | 2.1 | 2.7 | 4.8 | 4.4 | 4.6 | 4.8 | 6.9 | 5.0 |
| Stroke | 117 | 18.8 | 20.3 | 4.0 | 23.1 | 26.4 | 5.5 | 26.5 | 30.1 | 6.2 |
| Hip Fracture | 89 | 4.5 | 6.1 | 3.7 | 6.7 | 10.8 | 5.1 | 9.0 | 14.1 | 6.1 |
| Sepsis | 34 | 17.6 | 20.4 | ----- | 23.5 | 26.4 | ----- | 26.5 | 30.1 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 50 | 2.0 | 4.6 | ----- | 2.0 | 5.5 | ----- | 4.0 | 6.5 | ----- |
| Coronary Artery Bypass Graft | 33 | 9.1 | 6.7 | ----- | 15.2 | 9.8 | ----- | 15.2 | 11.1 | ----- |
| Initial Pacemaker Insertion | 42 | 0.0 | 3.7 | ----- | 0.0 | 6.8 | ----- | 2.4 | 9.9 | ----- |
| Carotid Endarterectomy | 19 | 5.3 | 1.8 | ----- | 10.5 | 3.3 | ----- | 10.5 | 4.8 | ----- |
| Hip Replacement/Reconstruction | 47 | 2.1 | 3.3 | ----- | 4.3 | 6.2 | ----- | 6.4 | 8.4 | ----- |
| Open Reduction of Hip Fracture | 66 | 4.5 | 5.3 | 3.2 | 6.1 | 9.4 | 4.9 | 7.6 | 12.6 | 6.4 |
| Prostatectomy | 105 | 0.0 | 1.4 | 1.5 | 1.0 | 3.3 | 2.5 | 1.9 | 5.7 | 3.6 |
| Cholecystectomy | 69 | 2.9 | 3.4 | 2.7 | 4.3 | 6.0 | 4.0 | 5.8 | 7.8 | 4.8 |
| Hysterectomy | 15 | 0.0 | 0.4 | ----- | 0.0 | 1.0 | ----- | 0.0 | 1.5 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD)
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

# SOUTHEAST ALABAMA MEDICAL CENTER

Medicare Provider Number: 010001

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | |
|---|---|
| **DEMOGRAPHICS:** | |
| Average age at admission | 72.3 years |
| Proportion female | 53.7 % |
| **ADMISSION SOURCES/TYPES:** | |
| Referred by personal or HMO physician | 41.7 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 7.8 % |
| Admitted for emergency | 59.0 % |

| | |
|---|---|
| **COMORBIDITIES:** | |
| Cancer | 7.1 % |
| Chronic cardiovascular disease | 38.4 % |
| Chronic liver disease | 0.9 % |
| Chronic renal disease | 5.7 % |
| Chronic pulmonary disease | 20.2 % |
| Cerebrovascular degeneration | 3.0 % |
| Diabetes mellitus | 9.3 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | |
|---|---|
| **ORIGIN OF MEDICARE PATIENT ADMISSION:** | |
| County/City | 46.2% |
| State | 37.0% |
| Outside State | 16.8% |
| Total | 100.0% |

| | |
|---|---|
| **MEDICARE AVERAGE LENGTH OF STAY:** | |
| Hospital | 8.5 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | |
|---|---|
| **PROFILE:** | |
| Total Beds | 404 |
| Occupancy Rate | 68.0 % |
| Ownership/Control | District/Authority |
| Medicare Discharges | 37.1 % |
| Case Mix Index (CMI) | 1.2935 |
| **STAFFING:** | |
| Total Number of Physicians | 180 |
| Percent of Physicians Board Certified Specialists | 77.8 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 202 |
| Licensed Practical Nurses | 147 |

| | |
|---|---|
| **SPECIALTY SERVICES:** | |
| Burn Unit | No |
| Cardiac Intensive Care | Yes |
| Comprehensive Geriatric | Yes |
| Hospice Care | Yes |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | Yes |
| Other Intensive Care | No |
| Trauma Center | Yes |
| **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Alcohol/Drug | Yes |
| Rehabilitation | No |
| Psychiatric | Yes |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# SPRINGHILL MEMORIAL HOSPITAL

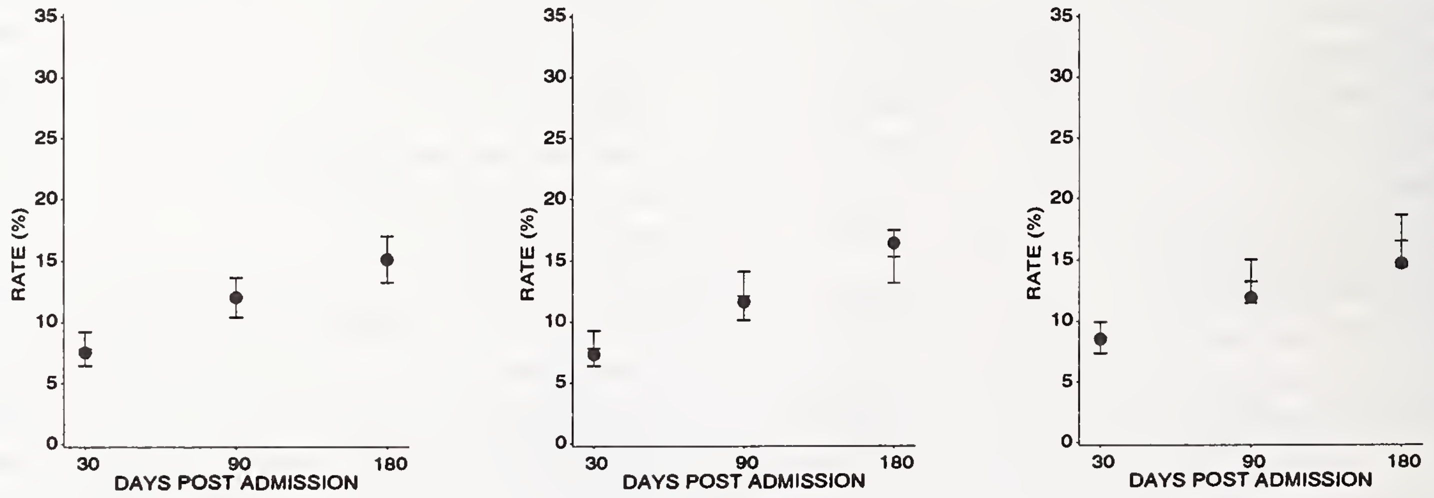
3719 DAUPHIN ST
MOBILE, AL 36608
Medicare Provider Number: 010144

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 1841 | 8.5 | 8.6 | 0.7 | 11.9 | 13.2 | 0.9 | 14.7 | 16.5 | 1.1 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 46 | 15.2 | 24.1 | ----- | 19.6 | 28.3 | ----- | 21.7 | 31.5 | ----- |
| Congestive Heart Failure | 78 | 12.8 | 12.0 | 5.6 | 17.9 | 19.2 | 5.1 | 21.8 | 25.0 | 5.6 |
| Pneumonia/Influenza | 84 | 3.6 | 11.0 | 4.0 | 6.0 | 15.2 | 4.7 | 6.0 | 18.3 | 5.4 |
| Chronic Obstructive Pulmonary Disease | 51 | 5.9 | 7.5 | 5.1 | 11.8 | 13.1 | 7.2 | 13.7 | 17.4 | 8.4 |
| Transient Cerebral Ischemia | 37 | 2.7 | 1.5 | ----- | 2.7 | 3.4 | ----- | 2.7 | 5.5 | ----- |
| Stroke | 67 | 19.4 | 15.6 | 5.6 | 22.4 | 21.4 | 5.3 | 28.4 | 24.8 | 5.8 |
| Hip Fracture | 41 | 12.2 | 6.5 | ----- | 22.0 | 11.4 | ----- | 24.4 | 15.0 | ----- |
| Sepsis | 61 | 37.7 | 25.6 | 8.4 | 39.3 | 34.5 | 7.2 | 44.3 | 39.7 | 7.1 |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 4 | 0.0 | 1.0 | ----- | 0.0 | 2.2 | ----- | 0.0 | 3.5 | ----- |
| Carotid Endarterectomy | 1 | 0.0 | 0.8 | ----- | 0.0 | 1.8 | ----- | 0.0 | 2.9 | ----- |
| Hip Replacement/Reconstruction | 27 | 11.1 | 5.9 | ----- | 22.2 | 10.7 | ----- | 33.3 | 14.4 | ----- |
| Open Reduction of Hip Fracture | 18 | 11.1 | 5.0 | ----- | 16.7 | 9.4 | ----- | 16.7 | 12.9 | ----- |
| Prostatectomy | 31 | 3.2 | 0.8 | ----- | 3.2 | 1.9 | ----- | 3.2 | 3.2 | ----- |
| Cholecystectomy | 39 | 5.1 | 2.7 | ----- | 7.7 | 4.8 | ----- | 7.7 | 6.2 | ----- |
| Hysterectomy | 32 | 0.0 | 1.9 | ----- | 0.0 | 4.3 | ----- | 6.3 | 6.7 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

# SPRINGHILL MEMORIAL HOSPITAL
Medicare Provider Number: 010144

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | | | |
|---|---|---|---|
| **DEMOGRAPHICS:** | | **COMORBIDITIES:** | |
| Average age at admission | 73.6 years | Cancer | 6.5 % |
| Proportion female | 59.0 % | Chronic cardiovascular disease | 36.3 % |
| **ADMISSION SOURCES/TYPES:** | | Chronic liver disease | 0.9 % |
| Referred by personal or HMO physician | 95.3 % | Chronic renal disease | 1.3 % |
| Transferred from skilled nursing facility | 0.0 % | Chronic pulmonary disease | 20.6 % |
| Admitted for elective procedure | 15.4 % | Cerebrovascular degeneration | 2.6 % |
| Admitted for emergency | 61.5 % | Diabetes mellitus | 10.3 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | | | |
|---|---|---|---|
| **ORIGIN OF MEDICARE PATIENT ADMISSION:** | | **MEDICARE AVERAGE LENGTH OF STAY:** | |
| County/City | 81.1% | Hospital | 7.9 Days |
| State | 14.5% | State | 7.9 Days |
| Outside State | 4.4% | National | 8.6 Days |
| Total | 100.0% | | |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | | | |
|---|---|---|---|
| **PROFILE:** | | **SPECIALTY SERVICES:** | |
| Total Beds | 252 | Burn Unit | No |
| Occupancy Rate | 52.0 % | Cardiac Intensive Care | No |
| Ownership/Control | Private, For Profit | Comprehensive Geriatric | No |
| Medicare Discharges | (Not Available) | Hospice Care | No |
| Case Mix Index (CMI) | 1.3690 | Medical/Surgical Intensive Care | Yes |
| **STAFFING:** | | Organ/Tissue Transplant | No |
| Total Number of Physicians | (Not Available) | Other Intensive Care | No |
| Percent of Physicians Board Certified Specialists | (Not Available) | Trauma Center | No |
| | | **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Medical Residents/Interns | (Not Available) | Alcohol/Drug | No |
| Registered Nurses | (Not Available) | Rehabilitation | No |
| Licensed Practical Nurses | (Not Available) | Psychiatric | No |
| | | Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# ST CLAIR REGIONAL HOSPITAL

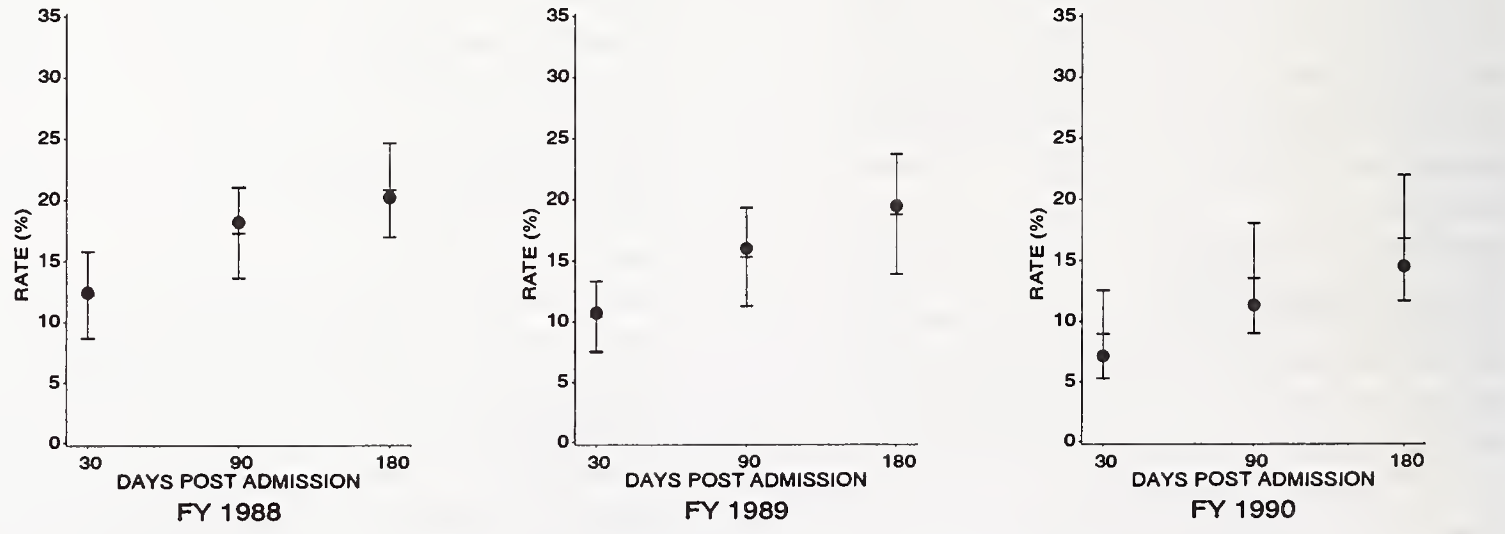
2805 HOSPITAL DR
PELL CITY, AL 35125
Medicare Provider Number: 010130

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 505 | 7.1 | 8.9 | 1.8 | 11.3 | 13.5 | 2.3 | 14.5 | 16.8 | 2.6 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 10 | 30.0 | 29.6 | ----- | 30.0 | 32.6 | ----- | 30.0 | 35.1 | ----- |
| Congestive Heart Failure | 38 | 10.5 | 13.3 | ----- | 13.2 | 21.7 | ----- | 21.1 | 27.5 | ----- |
| Pneumonia/Influenza | 51 | 11.8 | 12.9 | 5.1 | 15.7 | 18.8 | 7.1 | 17.6 | 22.8 | 9.3 |
| Chronic Obstructive Pulmonary Disease | 10 | 20.0 | 8.1 | ----- | 20.0 | 14.4 | ----- | 20.0 | 19.5 | ----- |
| Transient Cerebral Ischemia | 12 | 0.0 | 2.0 | ----- | 0.0 | 4.4 | ----- | 0.0 | 7.2 | ----- |
| Stroke | 13 | 23.1 | 23.7 | ----- | 23.1 | 29.4 | ----- | 30.8 | 33.1 | ----- |
| Hip Fracture | 11 | 0.0 | 5.9 | ----- | 9.1 | 10.9 | ----- | 18.2 | 14.8 | ----- |
| Sepsis | 4 | 0.0 | 22.3 | ----- | 0.0 | 33.8 | ----- | 25.0 | 40.7 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 3 | 0.0 | 3.5 | ----- | 0.0 | 6.1 | ----- | 33.3 | 8.9 | ----- |
| Open Reduction of Hip Fracture | 4 | 0.0 | 7.8 | ----- | 0.0 | 15.0 | ----- | 0.0 | 20.4 | ----- |
| Prostatectomy | 8 | 0.0 | 0.9 | ----- | 0.0 | 2.1 | ----- | 0.0 | 3.6 | ----- |
| Cholecystectomy | 14 | 7.1 | 3.5 | ----- | 7.1 | 5.5 | ----- | 7.1 | 6.7 | ----- |
| Hysterectomy | 3 | 0.0 | 0.2 | ----- | 0.0 | 0.5 | ----- | 0.0 | 0.9 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ST CLAIR REGIONAL HOSPITAL
Medicare Provider Number: 010130

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| DEMOGRAPHICS: | |
|---|---|
| Average age at admission | 74.1 years |
| Proportion female | 61.2 % |
| **ADMISSION SOURCES/TYPES:** | |
| Referred by personal or HMO physician | 43.2 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.0 % |
| Admitted for emergency | 98.4 % |

| COMORBIDITIES: | |
|---|---|
| Cancer | 4.6 % |
| Chronic cardiovascular disease | 33.1 % |
| Chronic liver disease | 2.4 % |
| Chronic renal disease | 2.6 % |
| Chronic pulmonary disease | 23.0 % |
| Cerebrovascular degeneration | 4.4 % |
| Diabetes mellitus | 7.5 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| ORIGIN OF MEDICARE PATIENT ADMISSION: | |
|---|---|
| County/City | 80.8% |
| State | 17.9% |
| Outside State | 1.3% |
| Total | 100.0% |

| MEDICARE AVERAGE LENGTH OF STAY: | |
|---|---|
| Hospital | 8.3 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| PROFILE: | |
|---|---|
| Total Beds | 72 |
| Occupancy Rate | 44.0 % |
| Ownership/Control | Local Government |
| Medicare Discharges | 42.1 % |
| Case Mix Index (CMI) | 1.0276 |
| **STAFFING:** | |
| Total Number of Physicians | 11 |
| Percent of Physicians Board Certified Specialists | 90.9 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 39 |
| Licensed Practical Nurses | 20 |

| SPECIALTY SERVICES: | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |
| **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

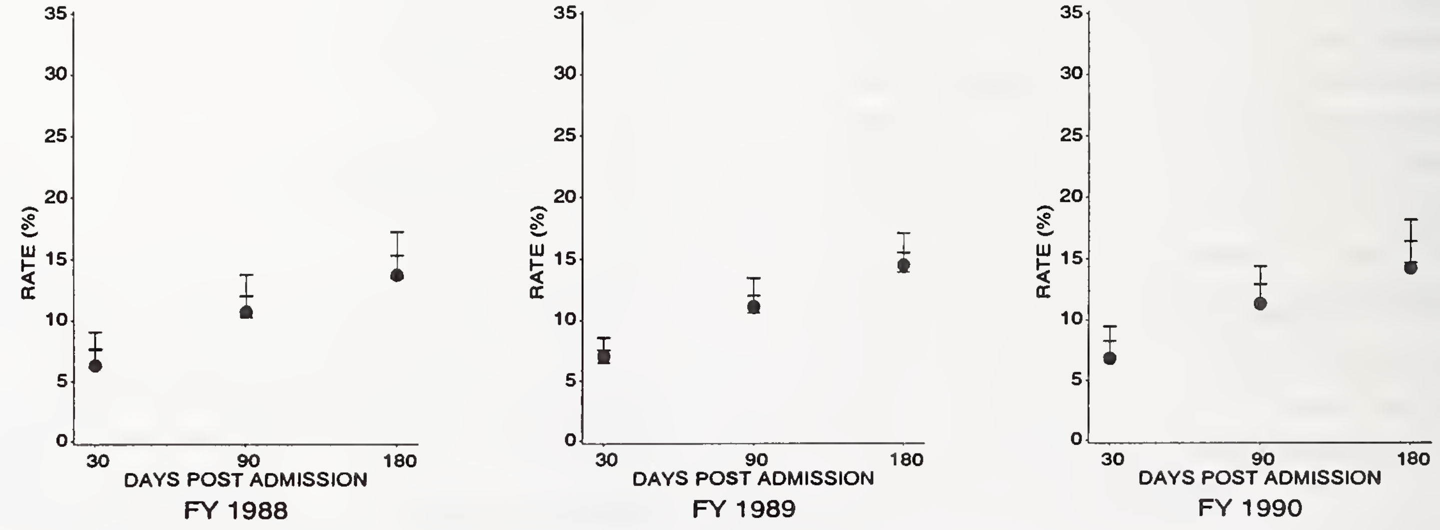
# ST VINCENTS HOSPITAL
2701 9 COURT S
BIRMINGHAM, AL 35205
Medicare Provider Number: 010056

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | PRED | SD* | 90 DAYS OBS | PRED | SD* | 180 DAYS OBS | PRED | SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 3160 | 6.8 | 8.2 | 0.6 | 11.3 | 12.9 | 0.7 | 14.2 | 16.4 | 0.9 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 55 | 21.8 | 19.9 | 6.1 | 21.8 | 22.6 | 6.1 | 23.6 | 25.2 | 6.3 |
| Congestive Heart Failure | 141 | 10.6 | 12.5 | 3.2 | 17.7 | 20.3 | 4.2 | 23.4 | 26.6 | 5.8 |
| Pneumonia/Influenza | 199 | 12.1 | 15.1 | 3.2 | 19.6 | 21.2 | 3.0 | 25.1 | 25.1 | 3.5 |
| Chronic Obstructive Pulmonary Disease | 34 | 8.8 | 7.7 | ----- | 14.7 | 14.2 | ----- | 17.6 | 19.1 | ----- |
| Transient Cerebral Ischemia | 40 | 0.0 | 1.5 | ----- | 7.5 | 3.4 | ----- | 7.5 | 5.5 | ----- |
| Stroke | 116 | 6.9 | 18.3 | 5.9 | 16.4 | 24.6 | 5.1 | 20.7 | 28.1 | 5.1 |
| Hip Fracture | 77 | 6.5 | 5.3 | 3.4 | 11.7 | 9.3 | 5.4 | 16.9 | 12.1 | 7.2 |
| Sepsis | 41 | 26.8 | 26.6 | ----- | 36.6 | 34.7 | ----- | 36.6 | 39.5 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 29 | 0.0 | 3.4 | ----- | 3.4 | 6.5 | ----- | 3.4 | 9.1 | ----- |
| Carotid Endarterectomy | 31 | 3.2 | 1.5 | ----- | 3.2 | 2.7 | ----- | 6.5 | 3.9 | ----- |
| Hip Replacement/Reconstruction | 82 | 6.1 | 2.7 | 3.3 | 9.8 | 5.3 | 4.5 | 9.8 | 7.3 | 4.4 |
| Open Reduction of Hip Fracture | 39 | 2.6 | 4.5 | ----- | 5.1 | 7.9 | ----- | 15.4 | 10.5 | ----- |
| Prostatectomy | 85 | 2.4 | 1.0 | 1.6 | 2.4 | 2.3 | 1.9 | 3.5 | 3.8 | 2.6 |
| Cholecystectomy | 73 | 2.7 | 2.3 | 3.1 | 4.1 | 4.3 | 3.3 | 6.8 | 5.9 | 3.1 |
| Hysterectomy | 50 | 0.0 | 0.3 | ----- | 0.0 | 0.6 | ----- | 0.0 | 1.1 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# ST VINCENTS HOSPITAL
Medicare Provider Number: 010056

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 74.6 years |
| Proportion female | 62.2 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 94.6 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 18.9 % |
| Admitted for emergency | 78.9 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 9.5 % |
| Chronic cardiovascular disease | 32.9 % |
| Chronic liver disease | 0.6 % |
| Chronic renal disease | 1.8 % |
| Chronic pulmonary disease | 12.9 % |
| Cerebrovascular degeneration | 4.1 % |
| Diabetes mellitus | 8.1 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 76.9% |
| State | 21.5% |
| Outside State | 1.6% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 8.3 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 361 |
| Occupancy Rate | 64.0 % |
| Ownership.Control | Private, Non-Profit |
| Medicare Discharges | 35.3 % |
| Case Mix Index (CMI) | 1.3090 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | 253 |
| Percent of Physicians Board Certified Specialists | 74.3 % |
| Medical Residents/Interns | 1 |
| Registered Nurses | 269 |
| Licensed Practical Nurses | 77 |

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | Yes |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | Yes |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# STRINGFELLOW MEMORIAL HOSPITAL

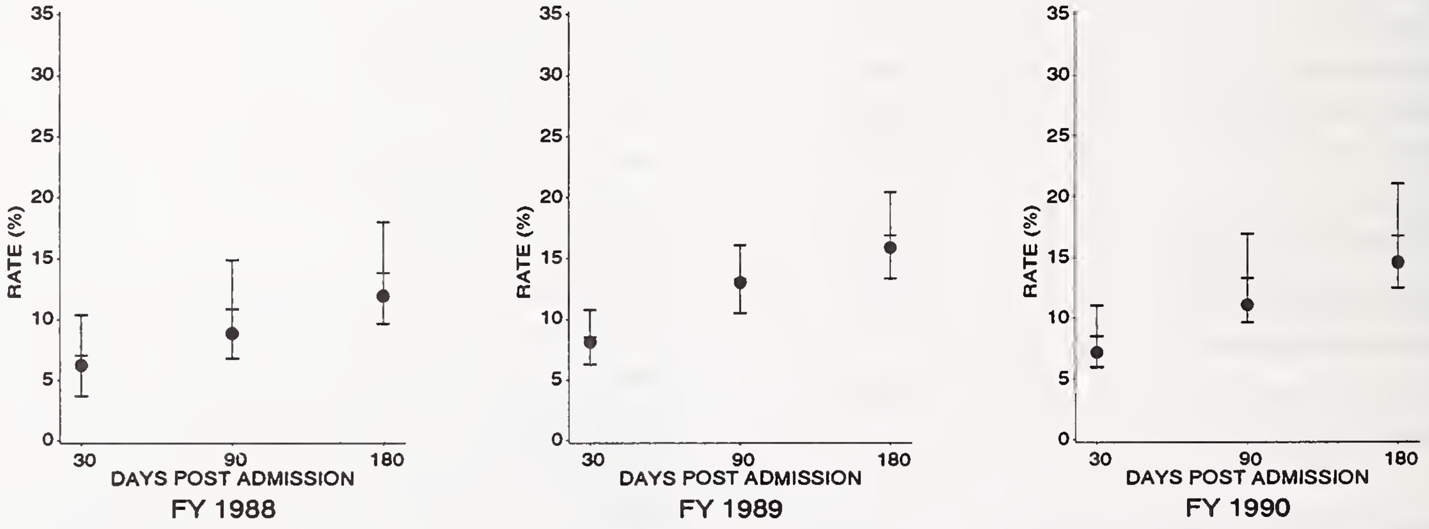
301 EAST 18TH ST
ANNISTON, AL 36201
Medicare Provider Number: 010038

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | PRED | SD* | 90 DAYS OBS | PRED | SD* | 180 DAYS OBS | PRED | SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 720 | 7.2 | 8.5 | 1.3 | 11.1 | 13.3 | 1.8 | 14.6 | 16.8 | 2.2 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 23 | 26.1 | 21.8 | ----- | 34.8 | 25.3 | ----- | 47.8 | 28.7 | ----- |
| Congestive Heart Failure | 13 | 0.0 | 13.3 | ----- | 30.8 | 22.3 | ----- | 46.2 | 29.2 | ----- |
| Pneumonia/Influenza | 39 | 5.1 | 10.5 | ----- | 5.1 | 14.8 | ----- | 7.7 | 18.0 | ----- |
| Chronic Obstructive Pulmonary Disease | 10 | 10.0 | 5.5 | ----- | 20.0 | 10.6 | ----- | 30.0 | 14.7 | ----- |
| Transient Cerebral Ischemia | 9 | 0.0 | 1.8 | ----- | 11.1 | 4.0 | ----- | 11.1 | 6.5 | ----- |
| Stroke | 21 | 4.8 | 16.8 | ----- | 9.5 | 22.9 | ----- | 14.3 | 26.5 | ----- |
| Hip Fracture | 5 | 0.0 | 4.0 | ----- | 0.0 | 7.9 | ----- | 0.0 | 10.8 | ----- |
| Sepsis | 12 | 0.0 | 19.3 | ----- | 8.3 | 28.4 | ----- | 16.7 | 33.8 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 2 | 0.0 | 2.0 | ----- | 0.0 | 4.7 | ----- | 0.0 | 7.7 | ----- |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 3 | 0.0 | 3.1 | ----- | 0.0 | 6.3 | ----- | 0.0 | 9.0 | ----- |
| Open Reduction of Hip Fracture | 2 | 0.0 | 5.6 | ----- | 0.0 | 11.4 | ----- | 0.0 | 15.0 | ----- |
| Prostatectomy | 49 | 0.0 | 1.4 | ----- | 2.0 | 3.3 | ----- | 6.1 | 5.8 | ----- |
| Cholecystectomy | 12 | 0.0 | 3.7 | ----- | 0.0 | 5.6 | ----- | 0.0 | 6.7 | ----- |
| Hysterectomy | 4 | 0.0 | 0.1 | ----- | 0.0 | 0.2 | ----- | 0.0 | 0.3 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# STRINGFELLOW MEMORIAL HOSPITAL

Medicare Provider Number: 010038

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| DEMOGRAPHICS: | |
|---|---|
| Average age at admission | 73.3 years |
| Proportion female | 56.4 % |
| **ADMISSION SOURCES/TYPES:** | |
| Referred by personal or HMO physician | 58.3 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 18.2 % |
| Admitted for emergency | 41.1 % |

| COMORBIDITIES: | |
|---|---|
| Cancer | 9.0 % |
| Chronic cardiovascular disease | 38.5 % |
| Chronic liver disease | 0.8 % |
| Chronic renal disease | 1.8 % |
| Chronic pulmonary disease | 37.9 % |
| Cerebrovascular degeneration | 1.5 % |
| Diabetes mellitus | 11.4 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| ORIGIN OF MEDICARE PATIENT ADMISSION: | |
|---|---|
| County/City | 85.2% |
| State | 13.6% |
| Outside State | 1.2% |
| Total | 100.0% |

| MEDICARE AVERAGE LENGTH OF STAY: | |
|---|---|
| Hospital | 8.2 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| PROFILE: | |
|---|---|
| Total Beds | 92 |
| Occupancy Rate | 43.0 % |
| Ownership.Control | Private, Non-Profit |
| Medicare Discharges | (Not Available) |
| Case Mix Index (CMI) | 1.1991 |
| **STAFFING:** | |
| Total Number of Physicians | (Not Available) |
| Percent of Physicians Board Certified Specialists | (Not Available) |
| Medical Residents/Interns | (Not Available) |
| Registered Nurses | (Not Available) |
| Licensed Practical Nurses | (Not Available) |

| SPECIALTY SERVICES: | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |
| **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

* Not used in calculating mortality rates

# THOMAS HOSPITAL

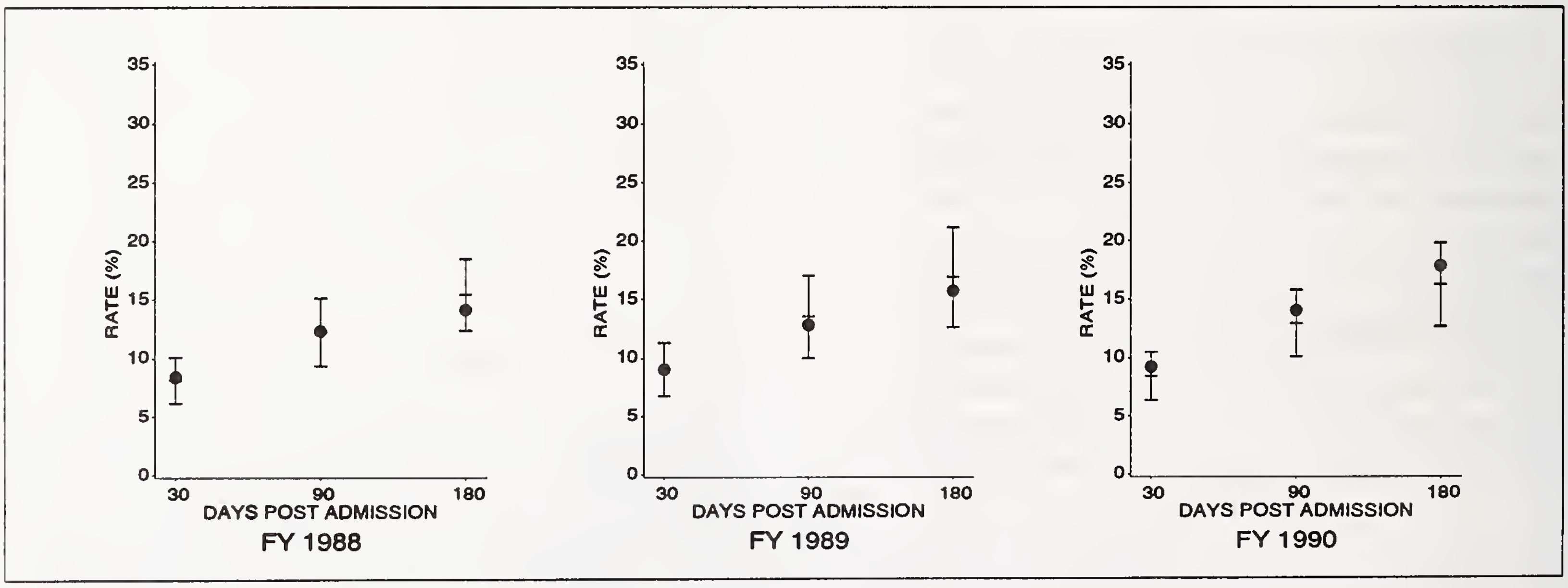
750 MORPHY AV BOX 929
FAIRHOPE, AL 36532
Medicare Provider Number: 010100

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 884 | 9.2 | 8.4 | 1.0 | 14.0 | 12.9 | 1.4 | 17.8 | 16.2 | 1.8 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 36 | 30.6 | 25.4 | ----- | 30.6 | 29.2 | ----- | 30.6 | 32.5 | ----- |
| Congestive Heart Failure | 46 | 19.6 | 14.8 | ----- | 26.1 | 23.7 | ----- | 32.6 | 29.6 | ----- |
| Pneumonia/Influenza | 35 | 11.4 | 10.2 | ----- | 17.1 | 14.0 | ----- | 25.7 | 17.1 | ----- |
| Chronic Obstructive Pulmonary Disease | 8 | 0.0 | 7.0 | ----- | 25.0 | 12.3 | ----- | 25.0 | 17.0 | ----- |
| Transient Cerebral Ischemia | 20 | 0.0 | 2.3 | ----- | 5.0 | 5.0 | ----- | 5.0 | 7.8 | ----- |
| Stroke | 27 | 25.9 | 18.6 | ----- | 25.9 | 24.2 | ----- | 25.9 | 27.6 | ----- |
| Hip Fracture | 44 | 4.5 | 5.8 | ----- | 20.5 | 10.7 | ----- | 22.7 | 14.1 | ----- |
| Sepsis | 8 | 37.5 | 28.3 | ----- | 62.5 | 35.6 | ----- | 62.5 | 40.2 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 5 | 0.0 | 1.5 | ----- | 0.0 | 3.2 | ----- | 0.0 | 4.7 | ----- |
| Carotid Endarterectomy | 1 | 0.0 | 0.7 | ----- | 0.0 | 1.3 | ----- | 0.0 | 2.0 | ----- |
| Hip Replacement/Reconstruction | 19 | 0.0 | 3.5 | ----- | 21.1 | 7.2 | ----- | 26.3 | 10.5 | ----- |
| Open Reduction of Hip Fracture | 26 | 7.7 | 5.1 | ----- | 15.4 | 9.6 | ----- | 19.2 | 12.7 | ----- |
| Prostatectomy | 27 | 0.0 | 0.7 | ----- | 0.0 | 1.5 | ----- | 0.0 | 2.6 | ----- |
| Cholecystectomy | 14 | 0.0 | 2.9 | ----- | 7.1 | 5.6 | ----- | 14.3 | 7.4 | ----- |
| Hysterectomy | 11 | 0.0 | 0.1 | ----- | 0.0 | 0.2 | ----- | 0.0 | 0.4 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# THOMAS HOSPITAL

Medicare Provider Number: 010100

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 76.1 years |
| Proportion female | 57.3 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 62.8 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 13.9 % |
| Admitted for emergency | 35.8 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 6.4 % |
| Chronic cardiovascular disease | 37.3 % |
| Chronic liver disease | 0.5 % |
| Chronic renal disease | 1.7 % |
| Chronic pulmonary disease | 17.6 % |
| Cerebrovascular degeneration | 5.8 % |
| Diabetes mellitus | 6.1 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 88.7% |
| State | 6.4% |
| Outside State | 4.9% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 6.9 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 103 |
| Occupancy Rate | 52.0 % |
| Ownership/Control | Local Government |
| Medicare Discharges | 38.1 % |
| Case Mix Index (CMI) | 1.2322 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | 43 |
| Percent of Physicians Board Certified Specialists | 88.4 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 97 |
| Licensed Practical Nurses | 19 |

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | Yes |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

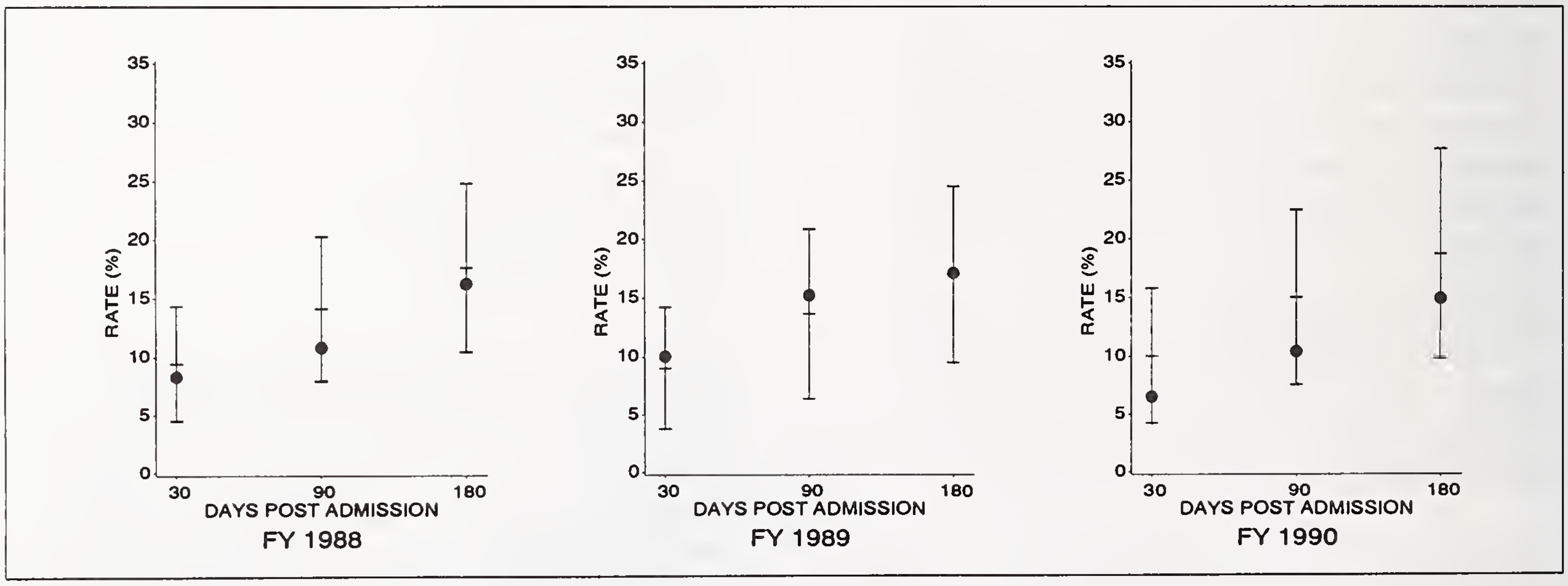
# THOMASVILLE HOSPITAL
1440 HIGHWAY 43 N
THOMASVILLE, AL 36784
Medicare Provider Number: 010015

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 201 | 6.5 | 10.0 | 2.9 | 10.4 | 15.0 | 3.7 | 14.9 | 18.7 | 4.5 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 3 | 0.0 | 28.0 | ----- | 0.0 | 34.2 | ----- | 0.0 | 38.7 | ----- |
| Congestive Heart Failure | 14 | 7.1 | 12.3 | ----- | 7.1 | 20.0 | ----- | 14.3 | 25.1 | ----- |
| Pneumonia/Influenza | 25 | 4.0 | 14.3 | ----- | 12.0 | 19.1 | ----- | 16.0 | 22.5 | ----- |
| Chronic Obstructive Pulmonary Disease | 4 | 0.0 | 3.0 | ----- | 0.0 | 5.8 | ----- | 0.0 | 8.2 | ----- |
| Transient Cerebral Ischemia | 0 | | | | | | | | | |
| Stroke | 4 | 0.0 | 16.9 | ----- | 25.0 | 24.4 | ----- | 25.0 | 29.8 | ----- |
| Hip Fracture | 1 | 0.0 | 8.3 | ----- | 0.0 | 18.0 | ----- | 0.0 | 26.6 | ----- |
| Sepsis | 8 | 0.0 | 28.3 | ----- | 0.0 | 32.6 | ----- | 0.0 | 35.5 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 1 | 0.0 | 7.5 | ----- | 0.0 | 16.9 | ----- | 0.0 | 25.4 | ----- |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 0 | | | | | | | | | |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# THOMASVILLE HOSPITAL

Medicare Provider Number: 010015

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | |
|---|---|
| DEMOGRAPHICS: | |
| Average age at admission | 74.4 years |
| Proportion female | 58.7 % |
| ADMISSION SOURCES/TYPES: | |
| Referred by personal or HMO physician | 98.5 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.0 % |
| Admitted for emergency | 98.5 % |

| | |
|---|---|
| COMORBIDITIES: | |
| Cancer | 3.5 % |
| Chronic cardiovascular disease | 32.8 % |
| Chronic liver disease | 0.5 % |
| Chronic renal disease | 4.5 % |
| Chronic pulmonary disease | 32.3 % |
| Cerebrovascular degeneration | 5.5 % |
| Diabetes mellitus | 10.4 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | |
|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | |
| County/City | 54.6% |
| State | 43.4% |
| Outside State | 2.0% |
| Total | 100.0% |

| | |
|---|---|
| MEDICARE AVERAGE LENGTH OF STAY: | |
| Hospital | 5.6 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1989

| | |
|---|---|
| PROFILE: | |
| Total Beds | 49 |
| Occupancy Rate | 32.0 % |
| Ownership/Control | Private, For Profit |
| Medicare Discharges | 26.6 % |
| Case Mix Index (CMI) | 1.1369 |
| STAFFING: | |
| Total Number of Physicians | 11 |
| Percent of Physicians Board Certified Specialists | 72.7 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 13 |
| Licensed Practical Nurses | 20 |

| | |
|---|---|
| SPECIALTY SERVICES: | |
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | No |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |
| OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | Yes |

** Except for CMI

*** Not used in calculating mortality rates**

# UNIV OF SOUTH ALABAMA DOCTORS HOSPITAL

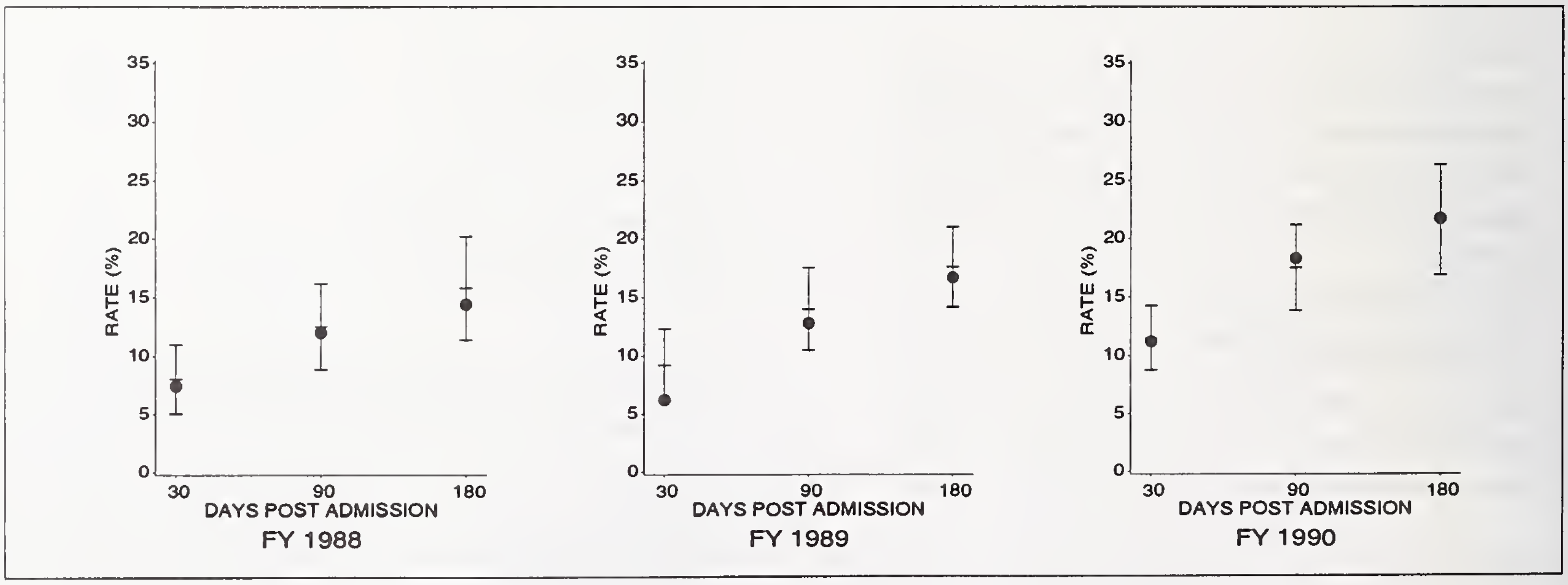
1700 CENTER ST BOX 1708
MOBILE, AL 36604
Medicare Provider Number: 010119

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 563 | 11.2 | 11.5 | 1.4 | 18.3 | 17.5 | 1.8 | 21.7 | 21.6 | 2.4 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 7 | 42.9 | 31.5 | ----- | 57.1 | 34.3 | ----- | 57.1 | 37.5 | ----- |
| Congestive Heart Failure | 37 | 13.5 | 14.6 | ----- | 29.7 | 23.6 | ----- | 32.4 | 29.7 | ----- |
| Pneumonia/Influenza | 26 | 11.5 | 16.4 | ----- | 23.1 | 23.0 | ----- | 30.8 | 26.9 | ----- |
| Chronic Obstructive Pulmonary Disease | 10 | 0.0 | 5.4 | ----- | 0.0 | 9.8 | ----- | 0.0 | 13.1 | ----- |
| Transient Cerebral Ischemia | 4 | 0.0 | 2.0 | ----- | 0.0 | 4.7 | ----- | 0.0 | 8.0 | ----- |
| Stroke | 17 | 23.5 | 16.5 | ----- | 29.4 | 23.1 | ----- | 35.3 | 26.9 | ----- |
| Hip Fracture | 9 | 0.0 | 6.4 | ----- | 0.0 | 12.2 | ----- | 0.0 | 16.1 | ----- |
| Sepsis | 41 | 31.7 | 29.3 | ----- | 41.5 | 39.2 | ----- | 43.9 | 44.6 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 3 | 0.0 | 3.3 | ----- | 0.0 | 7.1 | ----- | 0.0 | 10.2 | ----- |
| Carotid Endarterectomy | 1 | 0.0 | 0.8 | ----- | 0.0 | 1.5 | ----- | 0.0 | 2.0 | ----- |
| Hip Replacement/Reconstruction | 6 | 0.0 | 2.6 | ----- | 0.0 | 5.0 | ----- | 0.0 | 6.7 | ----- |
| Open Reduction of Hip Fracture | 4 | 0.0 | 7.9 | ----- | 0.0 | 16.0 | ----- | 0.0 | 21.5 | ----- |
| Prostatectomy | 26 | 3.8 | 1.1 | ----- | 3.8 | 2.7 | ----- | 3.8 | 4.6 | ----- |
| Cholecystectomy | 8 | 0.0 | 4.1 | ----- | 12.5 | 8.6 | ----- | 12.5 | 11.6 | ----- |
| Hysterectomy | 2 | 0.0 | 0.6 | ----- | 50.0 | 1.2 | ----- | 50.0 | 1.7 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988

FY 1989

FY 1990

# UNIV OF SOUTH ALABAMA DOCTORS HOSPITAL

Medicare Provider Number: 010119

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | | | |
|---|---|---|---|
| DEMOGRAPHICS: | | COMORBIDITIES: | |
| Average age at admission | 74.2 years | Cancer | 6.7 % |
| Proportion female | 56.0 % | Chronic cardiovascular disease | 35.9 % |
| ADMISSION SOURCES/TYPES: | | Chronic liver disease | 0.9 % |
| Referred by personal or HMO physician | 87.2 % | Chronic renal disease | 2.5 % |
| Transferred from skilled nursing facility | 0.5 % | Chronic pulmonary disease | 14.0 % |
| Admitted for elective procedure | 8.9 % | Cerebrovascular degeneration | 4.4 % |
| Admitted for emergency | 83.7 % | Diabetes mellitus | 9.8 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | | | |
|---|---|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | | MEDICARE AVERAGE LENGTH OF STAY: | |
| County/City | 85.4% | Hospital | 8.6 Days |
| State | 10.9% | State | 7.9 Days |
| Outside State | 3.7% | National | 8.6 Days |
| Total | 100.0% | | |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | | | |
|---|---|---|---|
| PROFILE: | | SPECIALTY SERVICES: | |
| Total Beds | 70 | Burn Unit | No |
| Occupancy Rate | 72.0 % | Cardiac Intensive Care | No |
| Ownership/Control | State Government | Comprehensive Geriatric | No |
| Medicare Discharges | 56.3 % | Hospice Care | No |
| Case Mix Index (CMI) | 1.3135 | Medical/Surgical Intensive Care | Yes |
| STAFFING: | | Organ/Tissue Transplant | No |
| Total Number of Physicians | 281 | Other Intensive Care | No |
| Percent of Physicians Board Certified Specialists | 92.2 % | Trauma Center | No |
| | | OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| Medical Residents/Interns | 0 | Alcohol/Drug | Yes |
| Registered Nurses | 44 | Rehabilitation | No |
| Licensed Practical Nurses | 19 | Psychiatric | Yes |
| | | Medicare Swing Beds | No |

** Except for CMI

* Not used in calculating mortality rates

# UNIV OF SOUTH ALABAMA KNOLLWOOD PARK

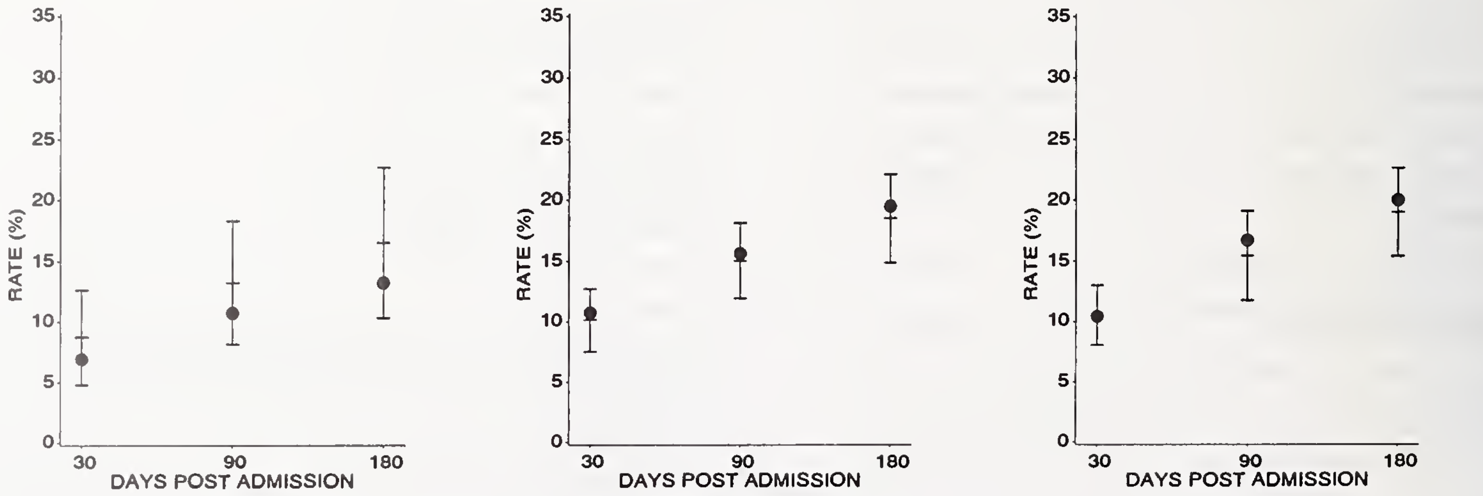
5600 GIRBY RD
MOBILE, AL 36693
Medicare Provider Number: 010152

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 605 | 10.4 | 10.5 | 1.2 | 16.7 | 15.4 | 1.8 | 20.0 | 19.0 | 1.8 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 15 | 53.3 | 35.6 | ----- | 60.0 | 38.7 | ----- | 60.0 | 41.2 | ----- |
| Congestive Heart Failure | 33 | 15.2 | 13.7 | ----- | 21.2 | 22.0 | ----- | 27.3 | 27.3 | ----- |
| Pneumonia/Influenza | 34 | 17.6 | 13.6 | ----- | 17.6 | 18.5 | ----- | 23.5 | 21.7 | ----- |
| Chronic Obstructive Pulmonary Disease | 28 | 7.1 | 7.3 | ----- | 10.7 | 12.8 | ----- | 14.3 | 16.9 | ----- |
| Transient Cerebral Ischemia | 13 | 7.7 | 2.0 | ----- | 23.1 | 4.4 | ----- | 23.1 | 6.9 | ----- |
| Stroke | 27 | 14.8 | 20.4 | ----- | 22.2 | 26.0 | ----- | 25.9 | 29.5 | ----- |
| Hip Fracture | 24 | 8.3 | 6.1 | ----- | 12.5 | 10.4 | ----- | 12.5 | 13.5 | ----- |
| Sepsis | 10 | 10.0 | 26.6 | ----- | 20.0 | 31.9 | ----- | 30.0 | 36.5 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 3 | 0.0 | 3.6 | ----- | 0.0 | 8.0 | ----- | 0.0 | 12.1 | ----- |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 18 | 5.6 | 4.7 | ----- | 11.1 | 8.1 | ----- | 11.1 | 10.7 | ----- |
| Open Reduction of Hip Fracture | 8 | 0.0 | 4.9 | ----- | 0.0 | 8.3 | ----- | 0.0 | 11.0 | ----- |
| Prostatectomy | 8 | 0.0 | 1.8 | ----- | 0.0 | 3.9 | ----- | 0.0 | 6.0 | ----- |
| Cholecystectomy | 13 | 15.4 | 2.7 | ----- | 15.4 | 4.7 | ----- | 15.4 | 6.0 | ----- |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



FY 1988 FY 1989 FY 1990

# UNIV OF SOUTH ALABAMA KNOLLWOOD PARK

Medicare Provider Number: 010152

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | | | |
|---|---|---|---|
| DEMOGRAPHICS: | | COMORBIDITIES: | |
| Average age at admission | 75.0 years | Cancer | 4.0 % |
| Proportion female | 59.0 % | Chronic cardiovascular disease | 35.7 % |
| ADMISSION SOURCES/TYPES: | | Chronic liver disease | 1.7 % |
| Referred by personal or HMO physician | 32.2 % | Chronic renal disease | 3.1 % |
| Transferred from skilled nursing facility | 0.0 % | Chronic pulmonary disease | 18.7 % |
| Admitted for elective procedure | 6.9 % | Cerebrovascular degeneration | 7.3 % |
| Admitted for emergency | 83.3 % | Diabetes mellitus | 6.3 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | | | |
|---|---|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | | MEDICARE AVERAGE LENGTH OF STAY: | |
| County/City | 88.1% | Hospital | 8.7 Days |
| State | 6.6% | State | 7.9 Days |
| Outside State | 5.3% | National | 8.6 Days |
| Total | 100.0% | | |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | | | |
|---|---|---|---|
| PROFILE: | | SPECIALTY SERVICES: | |
| Total Beds | 100 | Burn Unit | No |
| Occupancy Rate | 39.0 % | Cardiac Intensive Care | Yes |
| Ownership/Control | Private, For Profit | Comprehensive Geriatric | No |
| Medicare Discharges | (Not Available) | Hospice Care | No |
| Case Mix Index (CMI) | 1.2642 | Medical/Surgical Intensive Care | No |
| STAFFING: | | Organ/Tissue Transplant | No |
| Total Number of Physicians | (Not Available) | Other Intensive Care | No |
| Percent of Physicians Board Certified Specialists | (Not Available) | Trauma Center | No |
| Medical Residents/Interns | (Not Available) | OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| Registered Nurses | (Not Available) | Alcohol/Drug | No |
| Licensed Practical Nurses | (Not Available) | Rehabilitation | No |
| | | Psychiatric | No |
| | | Medicare Swing Beds | No |

** Except for CMI

* Not used in calculating mortality rates

# UNIV OF SOUTH ALABAMA MEDICAL CENTER

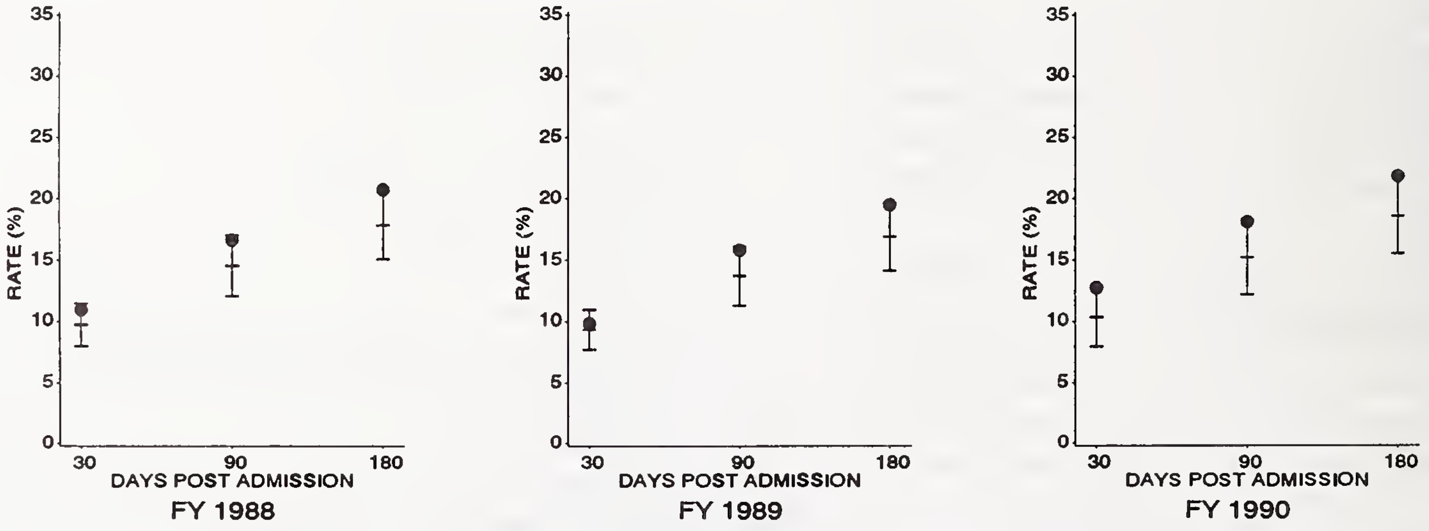
2451 FILLINGIM ST
MOBILE, AL 36617
Medicare Provider Number: 010087

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 1240 | 12.7 | 10.3 | 1.2 | 18.1 | 15.2 | 1.5 | 21.8 | 18.6 | 1.6 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 23 | 30.4 | 27.1 | ----- | 34.8 | 30.0 | ----- | 39.1 | 32.5 | ----- |
| Congestive Heart Failure | 47 | 12.8 | 13.8 | ----- | 17.0 | 21.9 | ----- | 23.4 | 27.6 | ----- |
| Pneumonia/Influenza | 63 | 28.6 | 15.2 | 8.7 | 34.9 | 20.9 | 9.3 | 38.1 | 24.7 | 9.2 |
| Chronic Obstructive Pulmonary Disease | 24 | 8.3 | 10.1 | ----- | 12.5 | 17.6 | ----- | 16.7 | 22.7 | ----- |
| Transient Cerebral Ischemia | 7 | 0.0 | 1.3 | ----- | 0.0 | 3.0 | ----- | 0.0 | 4.7 | ----- |
| Stroke | 78 | 15.4 | 16.5 | 4.6 | 24.4 | 22.2 | 6.7 | 30.8 | 25.3 | 8.2 |
| Hip Fracture | 33 | 15.2 | 4.9 | ----- | 15.2 | 8.7 | ----- | 15.2 | 11.5 | ----- |
| Sepsis | 9 | 55.6 | 38.7 | ----- | 66.7 | 49.7 | ----- | 66.7 | 55.7 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 4 | 0.0 | 0.9 | ----- | 0.0 | 1.4 | ----- | 0.0 | 2.1 | ----- |
| Coronary Artery Bypass Graft | 10 | 0.0 | 10.0 | ----- | 10.0 | 12.4 | ----- | 10.0 | 13.4 | ----- |
| Initial Pacemaker Insertion | 3 | 0.0 | 1.2 | ----- | 0.0 | 2.8 | ----- | 0.0 | 4.4 | ----- |
| Carotid Endarterectomy | 1 | 0.0 | 0.5 | ----- | 0.0 | 1.1 | ----- | 100.0 | 1.9 | ----- |
| Hip Replacement/Reconstruction | 12 | 8.3 | 4.1 | ----- | 8.3 | 7.7 | ----- | 8.3 | 10.5 | ----- |
| Open Reduction of Hip Fracture | 21 | 19.0 | 4.1 | ----- | 19.0 | 7.6 | ----- | 19.0 | 10.5 | ----- |
| Prostatectomy | 20 | 0.0 | 1.1 | ----- | 0.0 | 2.6 | ----- | 5.0 | 4.2 | ----- |
| Cholecystectomy | 11 | 0.0 | 4.6 | ----- | 18.2 | 9.2 | ----- | 18.2 | 12.2 | ----- |
| Hysterectomy | 6 | 0.0 | 0.1 | ----- | 0.0 | 0.3 | ----- | 0.0 | 0.6 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD)
FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# UNIV OF SOUTH ALABAMA MEDICAL CENTER

Medicare Provider Number: 010087

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 67.6 years |
| Proportion female | 44.0 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 17.8 % |
| Transferred from skilled nursing facility | 1.1 % |
| Admitted for elective procedure | 17.8 % |
| Admitted for emergency | 79.0 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 7.2 % |
| Chronic cardiovascular disease | 18.5 % |
| Chronic liver disease | 1.0 % |
| Chronic renal disease | 3.7 % |
| Chronic pulmonary disease | 9.6 % |
| Cerebrovascular degeneration | 9.5 % |
| Diabetes mellitus | 7.5 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 79.7% |
| State | 15.1% |
| Outside State | 5.2% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 9.7 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 345 |
| Occupancy Rate | 74.0 % |
| Ownership/Control | State Government |
| Medicare Discharges | 12.8 % |
| Case Mix Index (CMI) | 1.3386 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | 166 |
| Percent of Physicians Board Certified Specialists | 89.2 % |
| Medical Residents/Interns | 166 |
| Registered Nurses | 333 |
| Licensed Practical Nurses | 80 |

** Except for CMI

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | Yes |
| Cardiac Intensive Care | Yes |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | Yes |
| Trauma Center | Yes |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

*** Not used in calculating mortality rates**

# UNIVERSITY OF ALABAMA HOSPITAL

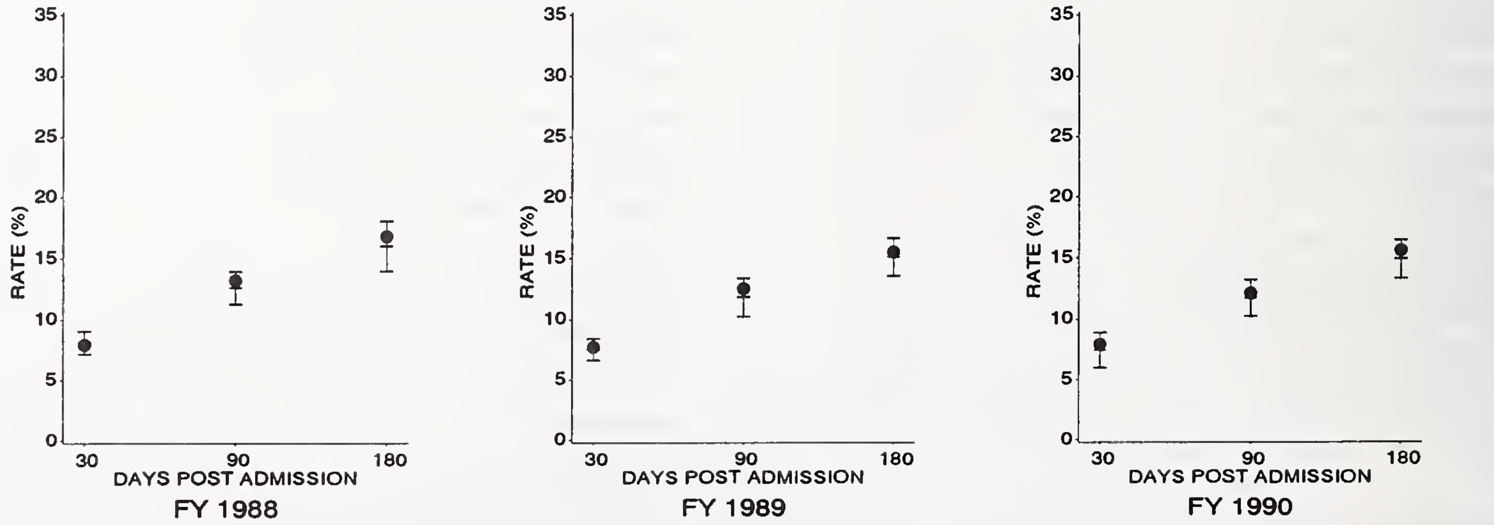
619 S 19TH ST
BIRMINGHAM, AL 35233
Medicare Provider Number: 010033

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 4466 | 7.9 | 7.4 | 0.7 | 12.1 | 11.7 | 0.8 | 15.6 | 14.9 | 0.8 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 80 | 18.8 | 18.1 | 4.4 | 25.0 | 21.6 | 5.8 | 32.5 | 24.4 | 8.1 |
| Congestive Heart Failure | 155 | 11.0 | 12.9 | 3.6 | 20.0 | 20.8 | 4.8 | 27.1 | 26.9 | 5.4 |
| Pneumonia/Influenza | 97 | 10.3 | 14.0 | 4.6 | 12.4 | 19.3 | 5.5 | 14.4 | 22.7 | 6.3 |
| Chronic Obstructive Pulmonary Disease | 52 | 7.7 | 8.7 | 5.5 | 23.1 | 15.6 | 6.3 | 26.9 | 20.3 | 6.5 |
| Transient Cerebral Ischemia | 40 | 0.0 | 1.3 | ----- | 0.0 | 3.0 | ----- | 0.0 | 4.7 | ----- |
| Stroke | 102 | 17.6 | 21.5 | 5.5 | 20.6 | 26.9 | 6.9 | 25.5 | 30.4 | 7.6 |
| Hip Fracture | 23 | 17.4 | 6.3 | ----- | 17.4 | 10.6 | ----- | 17.4 | 13.5 | ----- |
| Sepsis | 23 | 13.0 | 14.5 | ----- | 26.1 | 20.3 | ----- | 34.8 | 24.0 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 134 | 4.5 | 1.9 | 2.0 | 6.0 | 2.7 | 2.5 | 6.0 | 3.5 | 2.5 |
| Coronary Artery Bypass Graft | 267 | 5.2 | 4.8 | 1.4 | 6.7 | 7.1 | 1.6 | 8.6 | 8.3 | 1.7 |
| Initial Pacemaker Insertion | 34 | 0.0 | 2.1 | ----- | 2.9 | 4.6 | ----- | 2.9 | 6.9 | ----- |
| Carotid Endarterectomy | 32 | 0.0 | 1.1 | ----- | 0.0 | 2.0 | ----- | 0.0 | 3.0 | ----- |
| Hip Replacement/Reconstruction | 58 | 1.7 | 1.6 | 2.1 | 1.7 | 3.1 | 3.0 | 1.7 | 4.3 | 3.7 |
| Open Reduction of Hip Fracture | 11 | 18.2 | 4.9 | ----- | 18.2 | 8.4 | ----- | 18.2 | 11.0 | ----- |
| Prostatectomy | 34 | 0.0 | 0.8 | ----- | 0.0 | 1.9 | ----- | 0.0 | 3.2 | ----- |
| Cholecystectomy | 18 | 0.0 | 2.2 | ----- | 0.0 | 4.2 | ----- | 0.0 | 5.8 | ----- |
| Hysterectomy | 46 | 2.2 | 0.9 | ----- | 2.2 | 2.1 | ----- | 6.5 | 3.5 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# UNIVERSITY OF ALABAMA HOSPITAL

Medicare Provider Number: 010033

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | |
|---|---|
| DEMOGRAPHICS: | |
| Average age at admission | 65.9 years |
| Proportion female | 49.5 % |
| ADMISSION SOURCES/TYPES: | |
| Referred by personal or HMO physician | 58.6 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 49.4 % |
| Admitted for emergency | 38.0 % |

| | |
|---|---|
| COMORBIDITIES: | |
| Cancer | 8.4 % |
| Chronic cardiovascular disease | 33.8 % |
| Chronic liver disease | 0.9 % |
| Chronic renal disease | 8.4 % |
| Chronic pulmonary disease | 12.0 % |
| Cerebrovascular degeneration | 3.5 % |
| Diabetes mellitus | 11.8 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | |
|---|---|
| ORIGIN OF MEDICARE PATIENT ADMISSION: | |
| County/City | 44.4% |
| State | 44.9% |
| Outside State | 10.7% |
| Total | 100.0% |

| | |
|---|---|
| MEDICARE AVERAGE LENGTH OF STAY: | |
| Hospital | 8.8 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | |
|---|---|
| PROFILE: | |
| Total Beds | 792 |
| Occupancy Rate | 75.0 % |
| Ownership/Control | State Government |
| Medicare Discharges | 37.5 % |
| Case Mix Index (CMI) | 1.8597 |
| STAFFING: | |
| Total Number of Physicians | 628 |
| Percent of Physicians Board Certified Specialists | 67.5 % |
| Medical Residents/Interns | 448 |
| Registered Nurses | 1128 |
| Licensed Practical Nurses | 173 |

| | |
|---|---|
| SPECIALTY SERVICES: | |
| Burn Unit | Yes |
| Cardiac Intensive Care | Yes |
| Comprehensive Geriatric | Yes |
| Hospice Care | Yes |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | Yes |
| Other Intensive Care | No |
| Trauma Center | No |
| OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| Alcohol/Drug | No |
| Rehabilitation | Yes |
| Psychiatric | Yes |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# VAUGHN REGIONAL MEDICAL CENTER INC

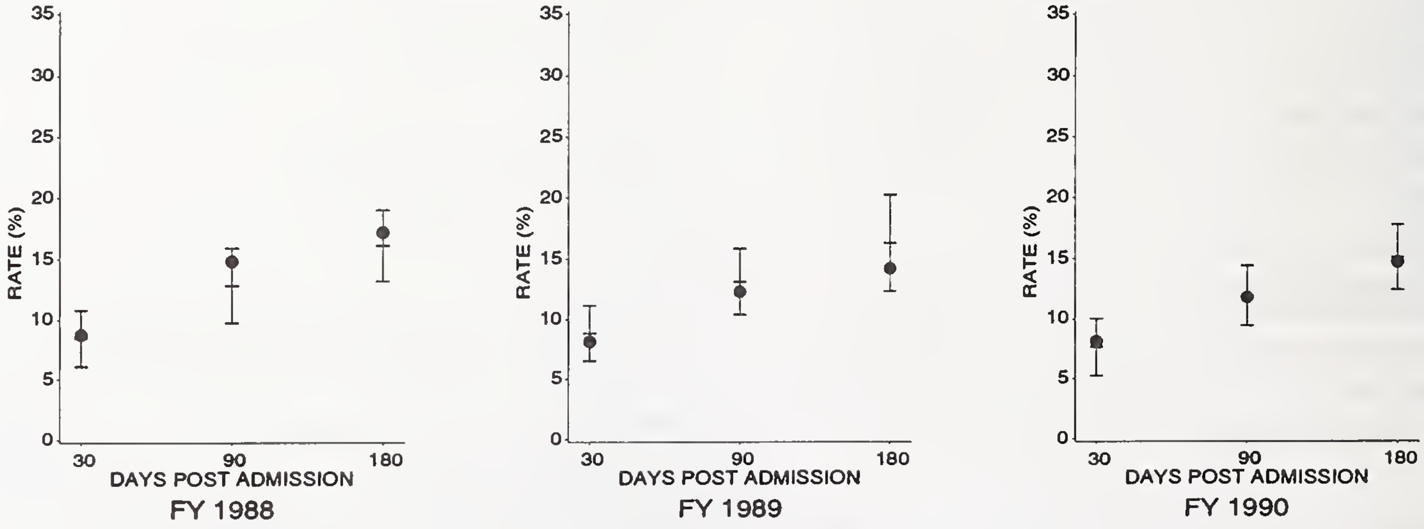
1050 W DALLAS AVE
SELMA, AL 36701
Medicare Provider Number: 010121

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | PRED | SD* | 90 DAYS OBS | PRED | SD* | 180 DAYS OBS | PRED | SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 769 | 8.1 | 7.6 | 1.2 | 11.8 | 11.9 | 1.3 | 14.7 | 15.1 | 1.3 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 9 | 44.4 | 31.8 | ----- | 44.4 | 35.3 | ----- | 44.4 | 38.2 | ----- |
| Congestive Heart Failure | 52 | 13.5 | 13.2 | 4.9 | 17.3 | 21.5 | 7.0 | 21.2 | 27.4 | 9.5 |
| Pneumonia/Influenza | 26 | 19.2 | 15.3 | ----- | 23.1 | 21.3 | ----- | 26.9 | 24.8 | ----- |
| Chronic Obstructive Pulmonary Disease | 12 | 16.7 | 6.6 | ----- | 25.0 | 11.5 | ----- | 25.0 | 15.8 | ----- |
| Transient Cerebral Ischemia | 13 | 0.0 | 1.5 | ----- | 7.7 | 3.7 | ----- | 7.7 | 6.2 | ----- |
| Stroke | 24 | 16.7 | 21.3 | ----- | 20.8 | 26.8 | ----- | 25.0 | 30.2 | ----- |
| Hip Fracture | 26 | 0.0 | 5.7 | ----- | 3.8 | 10.2 | ----- | 11.5 | 13.3 | ----- |
| Sepsis | 5 | 20.0 | 33.0 | ----- | 20.0 | 38.7 | ----- | 20.0 | 42.6 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 3 | 0.0 | 3.2 | ----- | 0.0 | 6.9 | ----- | 0.0 | 10.9 | ----- |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 8 | 0.0 | 4.5 | ----- | 0.0 | 7.7 | ----- | 0.0 | 10.1 | ----- |
| Open Reduction of Hip Fracture | 13 | 0.0 | 4.8 | ----- | 0.0 | 8.9 | ----- | 7.7 | 11.9 | ----- |
| Prostatectomy | 26 | 0.0 | 1.7 | ----- | 3.8 | 3.9 | ----- | 3.8 | 6.3 | ----- |
| Cholecystectomy | 7 | 0.0 | 2.1 | ----- | 14.3 | 4.0 | ----- | 14.3 | 5.2 | ----- |
| Hysterectomy | 12 | 0.0 | 0.2 | ----- | 0.0 | 0.5 | ----- | 0.0 | 0.8 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# VAUGHN REGIONAL MEDICAL CENTER INC
Medicare Provider Number: 010121

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | | | |
|---|---|---|---|
| **DEMOGRAPHICS:** | | **COMORBIDITIES:** | |
| Average age at admission | 74.7 years | Cancer | 6.1 % |
| Proportion female | 59.2 % | Chronic cardiovascular disease | 31.1 % |
| **ADMISSION SOURCES/TYPES:** | | Chronic liver disease | 1.0 % |
| Referred by personal or HMO physician | 38.5 % | Chronic renal disease | 1.6 % |
| Transferred from skilled nursing facility | 0.1 % | Chronic pulmonary disease | 13.0 % |
| Admitted for elective procedure | 29.3 % | Cerebrovascular degeneration | 4.6 % |
| Admitted for emergency | 60.3 % | Diabetes mellitus | 10.4 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| | | | |
|---|---|---|---|
| **ORIGIN OF MEDICARE PATIENT ADMISSION:** | | **MEDICARE AVERAGE LENGTH OF STAY:** | |
| County/City | 77.8% | Hospital | 7.5 Days |
| State | 20.6% | State | 7.9 Days |
| Outside State | 1.6% | National | 8.6 Days |
| Total | 100.0% | | |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| | | | |
|---|---|---|---|
| **PROFILE:** | | **SPECIALTY SERVICES:** | |
| Total Beds | 99 | Burn Unit | No |
| Occupancy Rate | 70.0 % | Cardiac Intensive Care | No |
| Ownership.Control | Private, Non-Profit | Comprehensive Geriatric | No |
| Medicare Discharges | 20.5 % | Hospice Care | No |
| Case Mix Index (CMI) | 1.0879 | Medical/Surgical Intensive Care | Yes |
| **STAFFING:** | | Organ/Tissue Transplant | No |
| Total Number of Physicians | 45 | Other Intensive Care | No |
| Percent of Physicians Board Certified Specialists | 88.9 % | Trauma Center | No |
| | | **OTHER SPECIALTY/HOSPITAL-BASED SERVICES:** | |
| Medical Residents/Interns | 0 | Alcohol/Drug | No |
| Registered Nurses | 81 | Rehabilitation | No |
| Licensed Practical Nurses | 43 | Psychiatric | No |
| | | Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# WALKER REGIONAL MEDICAL CENTER INC

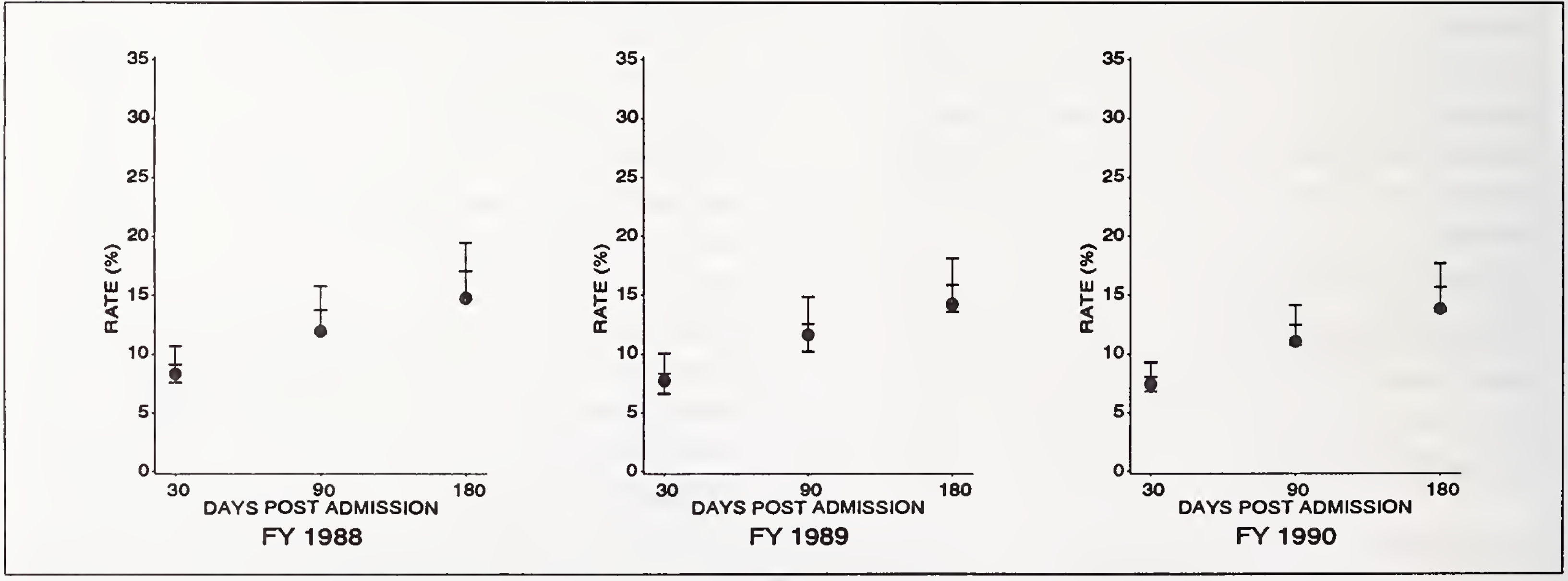
3400 HIGHWAY 78 E
JASPER, AL 35502
Medicare Provider Number: 010089

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 2425 | 7.4 | 8.0 | 0.6 | 11.0 | 12.4 | 0.9 | 13.8 | 15.6 | 1.0 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 54 | 24.1 | 24.5 | 6.0 | 25.9 | 28.0 | 6.3 | 29.6 | 31.0 | 6.6 |
| Congestive Heart Failure | 113 | 15.9 | 14.0 | 4.8 | 27.4 | 22.6 | 6.3 | 33.6 | 28.9 | 5.9 |
| Pneumonia/Influenza | 140 | 11.4 | 16.5 | 4.1 | 14.3 | 23.0 | 5.0 | 20.0 | 26.9 | 5.9 |
| Chronic Obstructive Pulmonary Disease | 96 | 4.2 | 7.0 | 3.3 | 7.3 | 12.4 | 5.0 | 8.3 | 16.5 | 6.5 |
| Transient Cerebral Ischemia | 56 | 1.8 | 1.5 | 1.9 | 5.4 | 3.5 | 4.1 | 5.4 | 5.7 | 4.5 |
| Stroke | 58 | 24.1 | 19.0 | 7.9 | 27.6 | 25.8 | 7.2 | 31.0 | 29.8 | 6.3 |
| Hip Fracture | 57 | 5.3 | 5.8 | 3.8 | 8.8 | 10.2 | 5.8 | 10.5 | 13.4 | 5.7 |
| Sepsis | 23 | 13.0 | 29.8 | ----- | 26.1 | 37.2 | ----- | 34.8 | 42.2 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 20 | 0.0 | 5.0 | ----- | 5.0 | 10.0 | ----- | 5.0 | 14.2 | ----- |
| Carotid Endarterectomy | 1 | 0.0 | 7.1 | ----- | 0.0 | 14.1 | ----- | 0.0 | 20.4 | ----- |
| Hip Replacement/Reconstruction | 40 | 2.5 | 3.4 | ----- | 2.5 | 6.4 | ----- | 5.0 | 8.6 | ----- |
| Open Reduction of Hip Fracture | 27 | 0.0 | 5.1 | ----- | 3.7 | 9.1 | ----- | 3.7 | 12.1 | ----- |
| Prostatectomy | 44 | 2.3 | 1.2 | ----- | 2.3 | 2.6 | ----- | 4.5 | 4.3 | ----- |
| Cholecystectomy | 30 | 3.3 | 2.2 | ----- | 6.7 | 4.1 | ----- | 6.7 | 5.6 | ----- |
| Hysterectomy | 9 | 0.0 | 0.2 | ----- | 0.0 | 0.4 | ----- | 0.0 | 0.7 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# WALKER REGIONAL MEDICAL CENTER INC
Medicare Provider Number: 010089

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| DEMOGRAPHICS: | |
|---|---|
| Average age at admission | 73.5 years |
| Proportion female | 58.7 % |
| ADMISSION SOURCES/TYPES: | |
| Referred by personal or HMO physician | 66.2 % |
| Transferred from skilled nursing facility | 2.3 % |
| Admitted for elective procedure | 3.5 % |
| Admitted for emergency | 94.6 % |

| COMORBIDITIES: | |
|---|---|
| Cancer | 4.5 % |
| Chronic cardiovascular disease | 37.9 % |
| Chronic liver disease | 0.7 % |
| Chronic renal disease | 1.5 % |
| Chronic pulmonary disease | 25.5 % |
| Cerebrovascular degeneration | 7.0 % |
| Diabetes mellitus | 9.5 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

| ORIGIN OF MEDICARE PATIENT ADMISSION: | |
|---|---|
| County/City | 85.6% |
| State | 13.2% |
| Outside State | 1.2% |
| Total | 100.0% |

| MEDICARE AVERAGE LENGTH OF STAY: | |
|---|---|
| Hospital | 8.2 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

| PROFILE: | |
|---|---|
| Total Beds | 267 |
| Occupancy Rate | 67.0 % |
| Ownership.Control | Private, Non-Profit |
| Medicare Discharges | 38.5 % |
| Case Mix Index (CMI) | 1.0366 |
| STAFFING: | |
| Total Number of Physicians | 49 |
| Percent of Physicians Board Certified Specialists | 61.2 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 111 |
| Licensed Practical Nurses | 49 |

| SPECIALTY SERVICES: | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |
| OTHER SPECIALTY/HOSPITAL-BASED SERVICES: | |
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | Yes |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# WASHINGTON COUNTY INFIRMARY

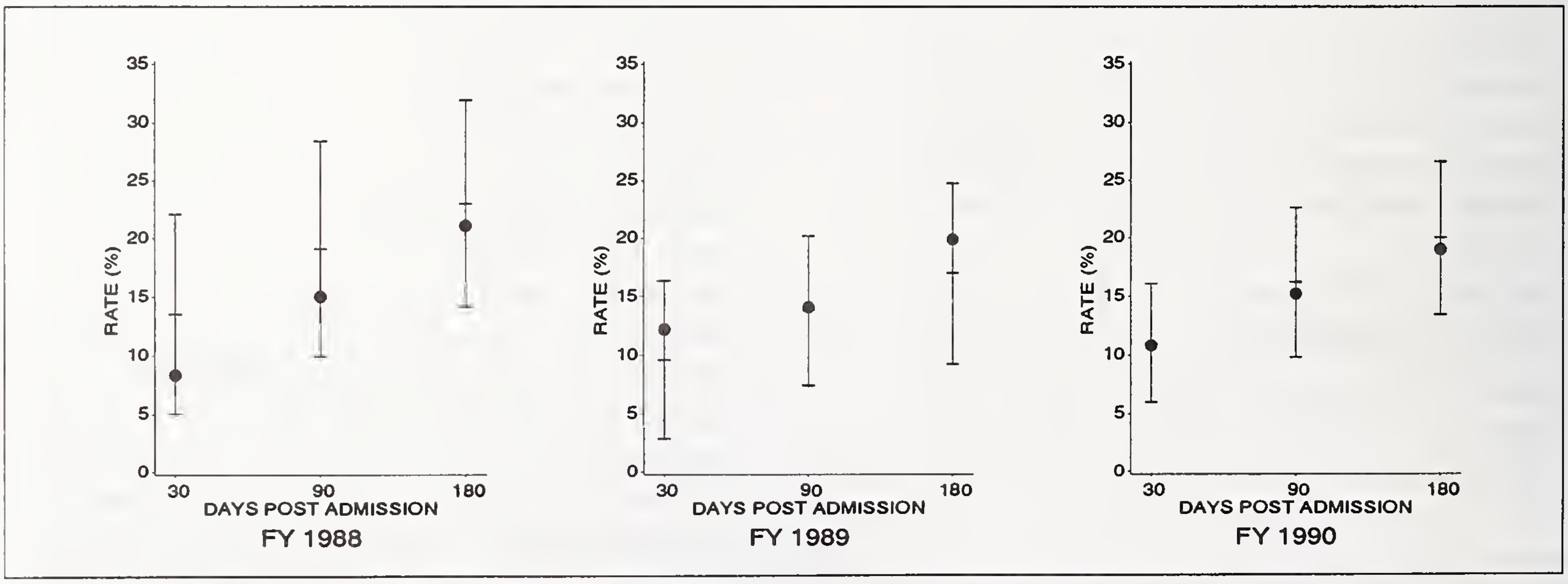
ST STEPHENS AV BOX 597
CHATOM, AL 36518
Medicare Provider Number: 010134

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | PRED | SD* | 90 DAYS OBS | PRED | SD* | 180 DAYS OBS | PRED | SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 158 | 10.8 | 11.0 | 2.5 | 15.2 | 16.2 | 3.2 | 19.0 | 20.0 | 3.3 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 4 | 25.0 | 21.9 | ----- | 25.0 | 25.5 | ----- | 25.0 | 28.7 | ----- |
| Congestive Heart Failure | 11 | 18.2 | 17.6 | ----- | 18.2 | 26.2 | ----- | 27.3 | 31.8 | ----- |
| Pneumonia/Influenza | 25 | 4.0 | 18.3 | ----- | 12.0 | 24.2 | ----- | 12.0 | 28.0 | ----- |
| Chronic Obstructive Pulmonary Disease | 6 | 33.3 | 9.1 | ----- | 33.3 | 17.1 | ----- | 50.0 | 23.7 | ----- |
| Transient Cerebral Ischemia | 4 | 0.0 | 1.2 | ----- | 0.0 | 2.6 | ----- | 25.0 | 4.4 | ----- |
| Stroke | 2 | 50.0 | 20.7 | ----- | 100.0 | 31.3 | ----- | 100.0 | 36.1 | ----- |
| Hip Fracture | 0 | | | | | | | | | |
| Sepsis | 1 | 0.0 | 31.6 | ----- | 0.0 | 36.4 | ----- | 0.0 | 40.6 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 0 | | | | | | | | | |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# WASHINGTON COUNTY INFIRMARY
Medicare Provider Number: 010134

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 76.4 years |
| Proportion female | 60.8 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 38.6 % |
| Transferred from skilled nursing facility | 5.7 % |
| Admitted for elective procedure | 0.6 % |
| Admitted for emergency | 96.8 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 5.7 % |
| Chronic cardiovascular disease | 35.4 % |
| Chronic liver disease | 0.0 % |
| Chronic renal disease | 2.5 % |
| Chronic pulmonary disease | 7.6 % |
| Cerebrovascular degeneration | 2.5 % |
| Diabetes mellitus | 14.6 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 86.1% |
| State | 11.4% |
| Outside State | 2.5% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 5.7 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 103 |
| Occupancy Rate | 72.0 % |
| Ownership.Control | Private, Non-Profit |
| Medicare Discharges | (Not Available) |
| Case Mix Index (CMI) | 0.8776 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | (Not Available) |
| Percent of Physicians Board Certified Specialists | (Not Available) |
| Medical Residents/Interns | (Not Available) |
| Registered Nurses | (Not Available) |
| Licensed Practical Nurses | (Not Available) |

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | No |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | Yes |

** Except for CMI

*** Not used in calculating mortality rates**

# WEDOWEE HOSPITAL

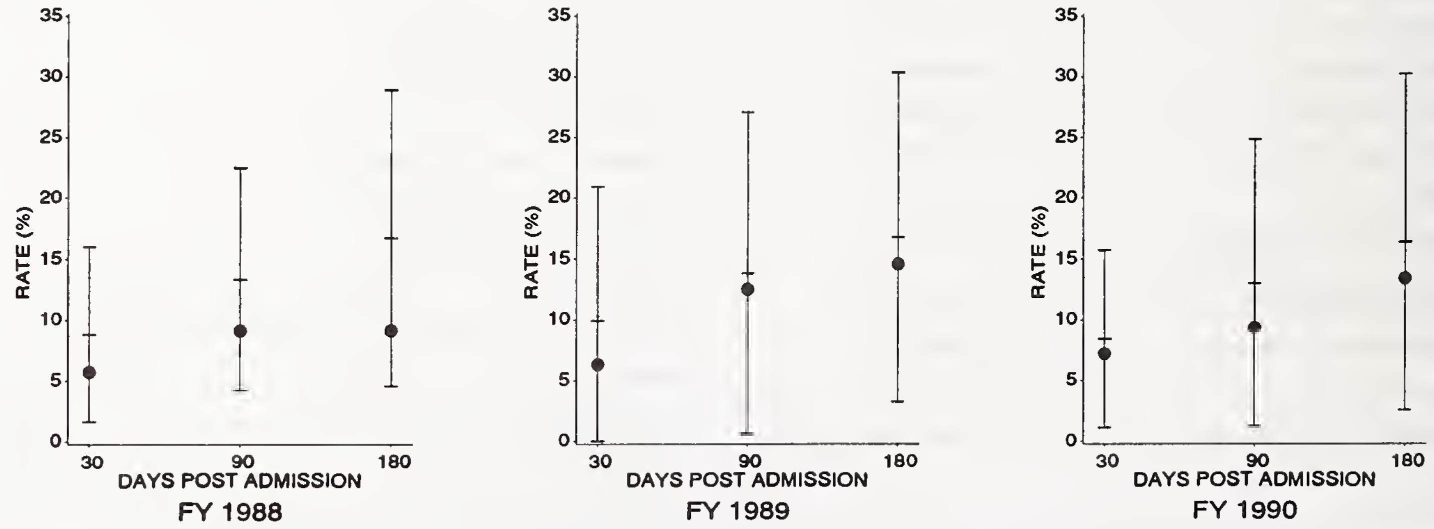
301 N MAIN ST BOX 307
WEDOWEE, AL 36278
Medicare Provider Number: 010032

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | 30 DAYS OBS | 30 DAYS PRED | 30 DAYS SD* | 90 DAYS OBS | 90 DAYS PRED | 90 DAYS SD* | 180 DAYS OBS | 180 DAYS PRED | 180 DAYS SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 97 | 7.2 | 8.4 | 3.6 | 9.3 | 13.0 | 5.9 | 13.4 | 16.4 | 6.9 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 0 | | | | | | | | | |
| Congestive Heart Failure | 6 | 0.0 | 11.1 | ----- | 16.7 | 17.1 | ----- | 50.0 | 22.1 | ----- |
| Pneumonia/Influenza | 7 | 0.0 | 17.4 | ----- | 0.0 | 24.1 | ----- | 0.0 | 28.6 | ----- |
| Chronic Obstructive Pulmonary Disease | 1 | 0.0 | 20.7 | ----- | 0.0 | 34.4 | ----- | 0.0 | 46.1 | ----- |
| Transient Cerebral Ischemia | 4 | 0.0 | 2.3 | ----- | 0.0 | 5.2 | ----- | 0.0 | 8.6 | ----- |
| Stroke | 3 | 0.0 | 21.1 | ----- | 0.0 | 25.9 | ----- | 0.0 | 28.9 | ----- |
| Hip Fracture | 0 | | | | | | | | | |
| Sepsis | 1 | 0.0 | 45.5 | ----- | 0.0 | 63.7 | ----- | 100.0 | 70.7 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 0 | | | | | | | | | |
| Hysterectomy | 0 | | | | | | | | | |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# WEDOWEE HOSPITAL

Medicare Provider Number: 010032

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 74.7 years |
| Proportion female | 59.8 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 54.6 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 2.1 % |
| Admitted for emergency | 9.3 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 8.2 % |
| Chronic cardiovascular disease | 54.6 % |
| Chronic liver disease | 0.0 % |
| Chronic renal disease | 3.1 % |
| Chronic pulmonary disease | 10.3 % |
| Cerebrovascular degeneration | 0.0 % |
| Diabetes mellitus | 10.3 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 92.3% |
| State | 7.1% |
| Outside State | 0.6% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 4.0 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 17 |
| Occupancy Rate | 11.8 % |
| Ownership.Control | Private, Non-Profit |
| Medicare Discharges | (Not Available) |
| Case Mix Index (CMI) | 0.8599 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | (Not Available) |
| Percent of Physicians Board Certified Specialists | (Not Available) |
| Medical Residents/Interns | (Not Available) |
| Registered Nurses | (Not Available) |
| Licensed Practical Nurses | (Not Available) |

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# WINFIELD CARRAWAY HOSPITAL

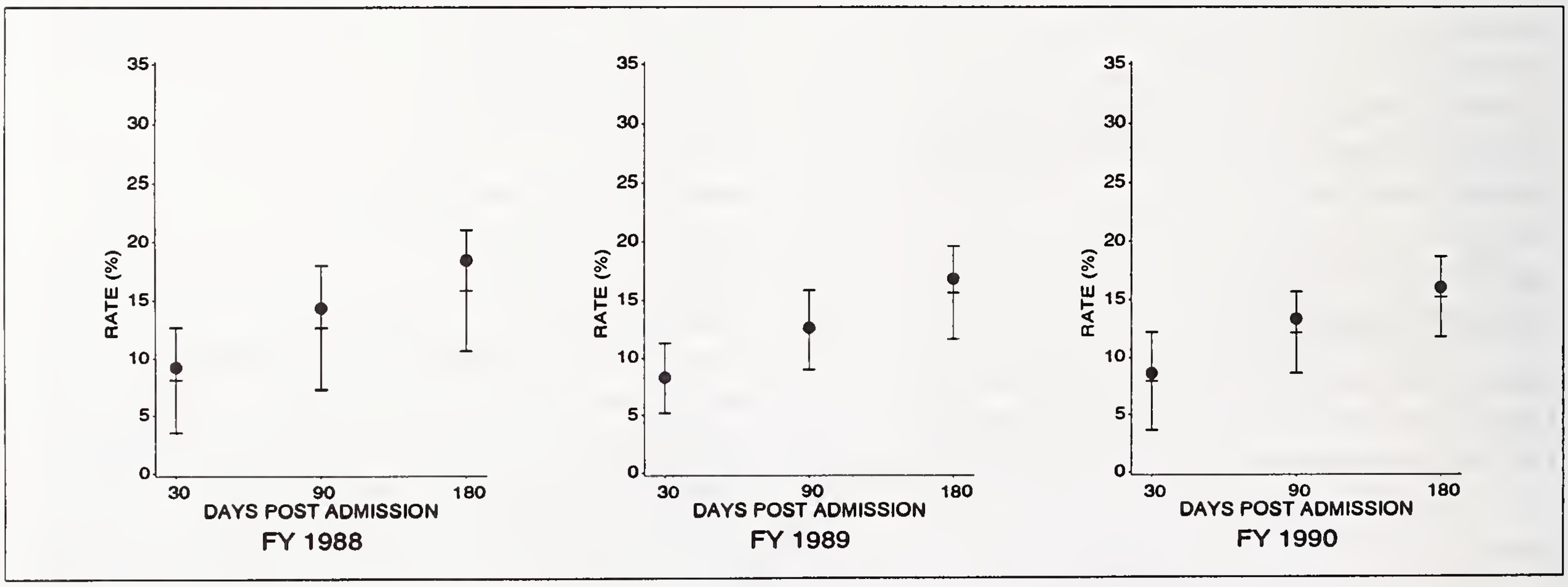
HIGHWAY 78 W BOX 130
WINFIELD, AL 35594
Medicare Provider Number: 010086

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| | | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| CATEGORY | NUMBER OF CASES | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 580 | 8.6 | 7.9 | 2.1 | 13.3 | 12.1 | 1.8 | 16.0 | 15.2 | 1.7 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 11 | 36.4 | 23.7 | ----- | 36.4 | 25.9 | ----- | 36.4 | 28.2 | ----- |
| Congestive Heart Failure | 22 | 13.6 | 15.0 | ----- | 31.8 | 24.0 | ----- | 31.8 | 30.1 | ----- |
| Pneumonia/Influenza | 39 | 15.4 | 15.1 | ----- | 15.4 | 20.7 | ----- | 20.5 | 24.4 | ----- |
| Chronic Obstructive Pulmonary Disease | 25 | 4.0 | 6.4 | ----- | 20.0 | 11.9 | ----- | 24.0 | 16.2 | ----- |
| Transient Cerebral Ischemia | 14 | 0.0 | 1.3 | ----- | 0.0 | 3.0 | ----- | 0.0 | 4.8 | ----- |
| Stroke | 10 | 10.0 | 16.1 | ----- | 10.0 | 20.4 | ----- | 10.0 | 23.5 | ----- |
| Hip Fracture | 8 | 12.5 | 8.6 | ----- | 12.5 | 15.2 | ----- | 12.5 | 18.8 | ----- |
| Sepsis | 9 | 33.3 | 23.1 | ----- | 33.3 | 31.1 | ----- | 33.3 | 35.7 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 5 | 20.0 | 7.3 | ----- | 20.0 | 13.7 | ----- | 20.0 | 17.5 | ----- |
| Open Reduction of Hip Fracture | 2 | 0.0 | 8.0 | ----- | 0.0 | 14.2 | ----- | 0.0 | 18.1 | ----- |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 11 | 0.0 | 1.2 | ----- | 0.0 | 2.0 | ----- | 0.0 | 2.5 | ----- |
| Hysterectomy | 5 | 0.0 | 0.1 | ----- | 0.0 | 0.2 | ----- | 0.0 | 0.3 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# WINFIELD CARRAWAY HOSPITAL

Medicare Provider Number: 010086

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 74.4 years |
| Proportion female | 58.8 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 34.3 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 25.0 % |
| Admitted for emergency | 64.1 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 6.7 % |
| Chronic cardiovascular disease | 36.9 % |
| Chronic liver disease | 0.3 % |
| Chronic renal disease | 0.9 % |
| Chronic pulmonary disease | 18.4 % |
| Cerebrovascular degeneration | 1.7 % |
| Diabetes mellitus | 5.0 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 73.3% |
| State | 25.1% |
| Outside State | 1.6% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 7.3 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 63 |
| Occupancy Rate | 42.0 % |
| Ownership.Control | Private, Non-Profit |
| Medicare Discharges | 54.5 % |
| Case Mix Index (CMI) | 0.9883 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | 12 |
| Percent of Physicians Board Certified Specialists | 66.7 % |
| Medical Residents/Interns | 0 |
| Registered Nurses | 38 |
| Licensed Practical Nurses | 28 |

** Except for CMI

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

*** Not used in calculating mortality rates**

# WIREGRASS HOSPITAL

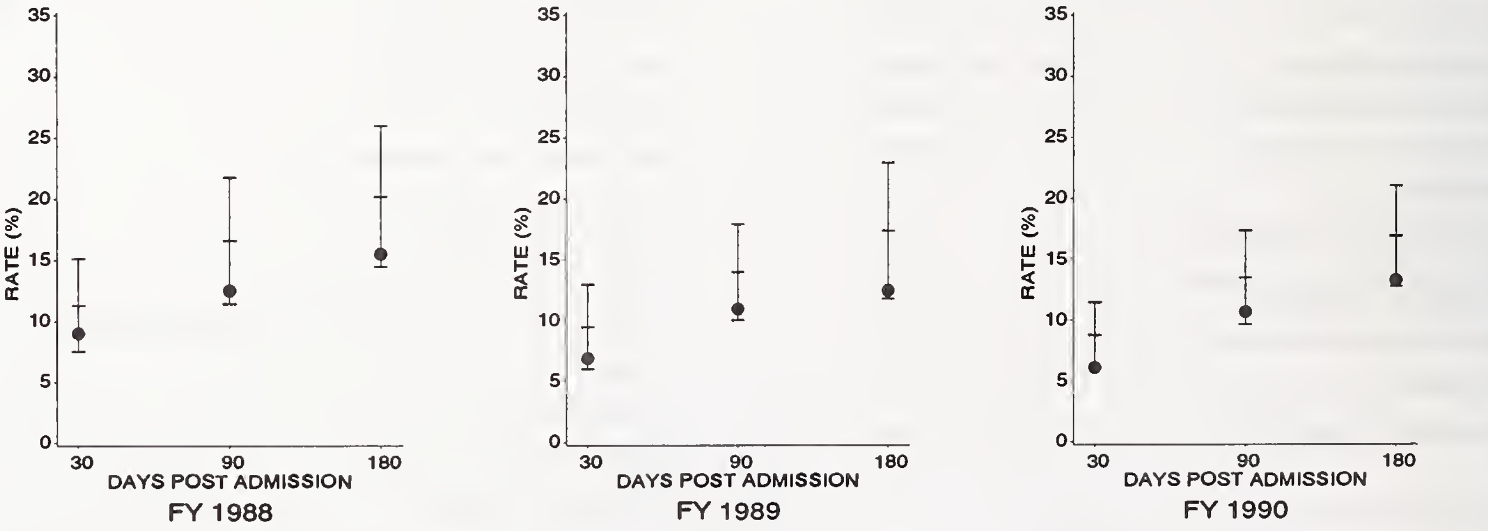
1200 W MAPLE AVENUE
GENEVA, AL 36340
Medicare Provider Number: 010062

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 654 | 6.1 | 8.8 | 1.4 | 10.7 | 13.5 | 1.9 | 13.3 | 16.9 | 2.1 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 9 | 22.2 | 26.9 | ----- | 22.2 | 30.7 | ----- | 22.2 | 33.7 | ----- |
| Congestive Heart Failure | 20 | 30.0 | 15.5 | ----- | 30.0 | 25.2 | ----- | 40.0 | 32.2 | ----- |
| Pneumonia/Influenza | 63 | 4.8 | 13.3 | 5.4 | 9.5 | 18.1 | 6.6 | 11.1 | 21.4 | 7.2 |
| Chronic Obstructive Pulmonary Disease | 19 | 10.5 | 7.3 | ----- | 10.5 | 12.7 | ----- | 15.8 | 16.8 | ----- |
| Transient Cerebral Ischemia | 14 | 7.1 | 1.8 | ----- | 7.1 | 4.1 | ----- | 7.1 | 6.7 | ----- |
| Stroke | 21 | 14.3 | 20.1 | ----- | 14.3 | 26.8 | ----- | 19.0 | 30.6 | ----- |
| Hip Fracture | 1 | 100.0 | 13.8 | ----- | 100.0 | 26.1 | ----- | 100.0 | 33.2 | ----- |
| Sepsis | 4 | 0.0 | 37.1 | ----- | 0.0 | 48.6 | ----- | 25.0 | 54.8 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 0 | | | | | | | | | |
| Carotid Endarterectomy | 0 | | | | | | | | | |
| Hip Replacement/Reconstruction | 0 | | | | | | | | | |
| Open Reduction of Hip Fracture | 0 | | | | | | | | | |
| Prostatectomy | 0 | | | | | | | | | |
| Cholecystectomy | 15 | 0.0 | 1.7 | ----- | 0.0 | 3.5 | ----- | 13.3 | 5.0 | ----- |
| Hysterectomy | 1 | 0.0 | 1.1 | ----- | 0.0 | 2.5 | ----- | 0.0 | 4.1 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# WIREGRASS HOSPITAL

Medicare Provider Number: 010062

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 73.2 years |
| Proportion female | 59.0 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 49.5 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 6.3 % |
| Admitted for emergency | 72.2 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 4.6 % |
| Chronic cardiovascular disease | 42.7 % |
| Chronic liver disease | 0.6 % |
| Chronic renal disease | 8.9 % |
| Chronic pulmonary disease | 40.2 % |
| Cerebrovascular degeneration | 1.8 % |
| Diabetes mellitus | 11.5 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 73.8% |
| State | 6.5% |
| Outside State | 19.7% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 7.0 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 169 |
| Occupancy Rate | 73.0 % |
| Ownership/Control | Local Government |
| Medicare Discharges | (Not Available) |
| Case Mix Index (CMI) | 1.0023 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | (Not Available) |
| Percent of Physicians Board Certified Specialists | (Not Available) |
| Medical Residents/Interns | (Not Available) |
| Registered Nurses | (Not Available) |
| Licensed Practical Nurses | (Not Available) |

** Except for CMI

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | Yes |

*** Not used in calculating mortality rates**

# WOODLAND COMMUNITY HOSPITAL

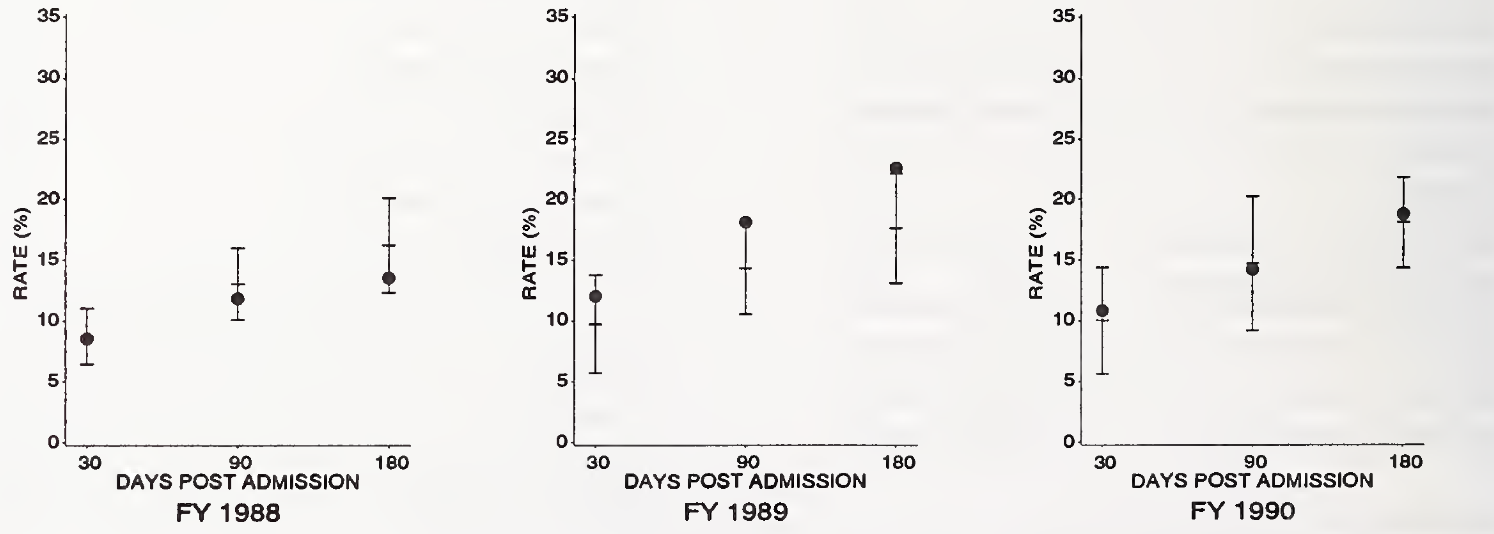
1910 CHEROKEE AVENUE S W
CULLMAN, AL 35055
Medicare Provider Number: 010143

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) 30 DAYS OBS | PRED | SD* | 90 DAYS OBS | PRED | SD* | 180 DAYS OBS | PRED | SD* |
|---|---|---|---|---|---|---|---|---|---|---|
| ALL CAUSES | 591 | 10.8 | 10.0 | 2.2 | 14.2 | 14.7 | 2.8 | 18.8 | 18.1 | 1.9 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 17 | 17.6 | 29.7 | ----- | 17.6 | 33.9 | ----- | 23.5 | 37.0 | ----- |
| Congestive Heart Failure | 20 | 5.0 | 13.0 | ----- | 15.0 | 20.3 | ----- | 15.0 | 26.0 | ----- |
| Pneumonia/Influenza | 26 | 19.2 | 16.8 | ----- | 26.9 | 22.6 | ----- | 30.8 | 26.4 | ----- |
| Chronic Obstructive Pulmonary Disease | 10 | 0.0 | 4.2 | ----- | 0.0 | 7.6 | ----- | 0.0 | 10.9 | ----- |
| Transient Cerebral Ischemia | 15 | 0.0 | 2.1 | ----- | 0.0 | 4.6 | ----- | 13.3 | 7.5 | ----- |
| Stroke | 29 | 27.6 | 23.9 | ----- | 31.0 | 30.5 | ----- | 34.5 | 34.1 | ----- |
| Hip Fracture | 14 | 14.3 | 5.0 | ----- | 21.4 | 9.4 | ----- | 21.4 | 12.4 | ----- |
| Sepsis | 9 | 44.4 | 24.1 | ----- | 44.4 | 32.7 | ----- | 55.6 | 37.0 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 0 | | | | | | | | | |
| Coronary Artery Bypass Graft | 0 | | | | | | | | | |
| Initial Pacemaker Insertion | 2 | 0.0 | 1.1 | ----- | 0.0 | 2.6 | ----- | 0.0 | 4.7 | ----- |
| Carotid Endarterectomy | 2 | 0.0 | 2.6 | ----- | 0.0 | 5.3 | ----- | 0.0 | 8.1 | ----- |
| Hip Replacement/Reconstruction | 8 | 0.0 | 4.3 | ----- | 12.5 | 8.2 | ----- | 12.5 | 10.7 | ----- |
| Open Reduction of Hip Fracture | 8 | 12.5 | 3.3 | ----- | 12.5 | 6.6 | ----- | 12.5 | 9.3 | ----- |
| Prostatectomy | 15 | 0.0 | 1.0 | ----- | 0.0 | 2.3 | ----- | 6.7 | 3.8 | ----- |
| Cholecystectomy | 17 | 5.9 | 2.2 | ----- | 5.9 | 3.6 | ----- | 5.9 | 4.5 | ----- |
| Hysterectomy | 3 | 0.0 | 0.4 | ----- | 0.0 | 1.0 | ----- | 33.3 | 1.9 | ----- |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## OBSERVED MORTALITY RATE (•) AND PREDICTED RANGE (± 2 SD) FOR MEDICARE PATIENT ADMISSIONS FOR ALL CAUSES



# WOODLAND COMMUNITY HOSPITAL

Medicare Provider Number: 010143

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

DEMOGRAPHICS:

| | |
|---|---|
| Average age at admission | 75.8 years |
| Proportion female | 58.0 % |

ADMISSION SOURCES/TYPES:

| | |
|---|---|
| Referred by personal or HMO physician | 36.2 % |
| Transferred from skilled nursing facility | 0.0 % |
| Admitted for elective procedure | 0.3 % |
| Admitted for emergency | 72.8 % |

COMORBIDITIES:

| | |
|---|---|
| Cancer | 5.1 % |
| Chronic cardiovascular disease | 31.6 % |
| Chronic liver disease | 0.5 % |
| Chronic renal disease | 1.7 % |
| Chronic pulmonary disease | 12.5 % |
| Cerebrovascular degeneration | 2.4 % |
| Diabetes mellitus | 8.3 % |

## ORIGIN AND LENGTH OF STAY OF MEDICARE ADMISSIONS*

ORIGIN OF MEDICARE PATIENT ADMISSION:

| | |
|---|---|
| County/City | 88.0% |
| State | 11.3% |
| Outside State | 0.7% |
| Total | 100.0% |

MEDICARE AVERAGE LENGTH OF STAY:

| | |
|---|---|
| Hospital | 6.0 Days |
| State | 7.9 Days |
| National | 8.6 Days |

## HOSPITAL CHARACTERISTICS*

SOURCE: AHA Annual Survey of Hospitals** - Survey Year 1990

PROFILE:

| | |
|---|---|
| Total Beds | 100 |
| Occupancy Rate | 24.0 % |
| Ownership/Control | Private, For Profit |
| Medicare Discharges | (Not Available) |
| Case Mix Index (CMI) | 1.1526 |

STAFFING:

| | |
|---|---|
| Total Number of Physicians | (Not Available) |
| Percent of Physicians Board Certified Specialists | (Not Available) |
| Medical Residents/Interns | (Not Available) |
| Registered Nurses | (Not Available) |
| Licensed Practical Nurses | (Not Available) |

SPECIALTY SERVICES:

| | |
|---|---|
| Burn Unit | No |
| Cardiac Intensive Care | No |
| Comprehensive Geriatric | No |
| Hospice Care | No |
| Medical/Surgical Intensive Care | Yes |
| Organ/Tissue Transplant | No |
| Other Intensive Care | No |
| Trauma Center | No |

OTHER SPECIALTY/HOSPITAL-BASED SERVICES:

| | |
|---|---|
| Alcohol/Drug | No |
| Rehabilitation | No |
| Psychiatric | No |
| Medicare Swing Beds | No |

** Except for CMI

*** Not used in calculating mortality rates**

# ALABAMA

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 136,373 | 8.5 | 8.7 | 0.1 | 13.0 | 13.2 | 0.1 | 16.1 | 16.5 | 0.1 |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 3,601 | 27.5 | 26.1 | 1.1 | 31.5 | 29.2 | 1.3 | 34.3 | 31.9 | 1.3 |
| Congestive Heart Failure | 6,419 | 14.1 | 13.5 | 0.7 | 22.1 | 21.7 | 0.6 | 27.6 | 27.7 | 0.7 |
| Pneumonia/Influenza | 6,821 | 13.9 | 15.0 | 0.5 | 19.6 | 20.7 | 0.6 | 23.3 | 24.3 | 0.7 |
| Chronic Obstructive Pulmonary Disease | 2,737 | 6.1 | 7.3 | 0.5 | 11.0 | 13.0 | 0.7 | 14.4 | 17.3 | 0.8 |
| Transient Cerebral Ischemia | 2,301 | 1.7 | 1.8 | 0.3 | 4.0 | 4.0 | 0.4 | 6.1 | 6.4 | 0.6 |
| Stroke | 4,831 | 19.5 | 19.7 | 0.8 | 26.2 | 26.0 | 0.7 | 30.2 | 29.7 | 0.9 |
| Hip Fracture | 2,760 | 7.4 | 6.4 | 0.8 | 12.5 | 11.1 | 1.1 | 15.4 | 14.4 | 1.0 |
| Sepsis | 1,726 | 26.8 | 25.2 | 1.2 | 34.9 | 33.2 | 1.8 | 39.5 | 37.9 | 1.8 |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 1,346 | 3.8 | 3.5 | 0.6 | 4.6 | 4.4 | 0.6 | 5.8 | 5.3 | 0.6 |
| Coronary Artery Bypass Graft | 1,789 | 6.6 | 5.9 | 0.8 | 9.5 | 8.2 | 1.2 | 10.6 | 9.3 | 1.3 |
| Initial Pacemaker Insertion | 871 | 3.1 | 3.2 | 1.1 | 6.1 | 6.4 | 1.6 | 8.6 | 9.3 | 1.6 |
| Carotid Endarterectomy | 642 | 1.1 | 1.5 | 0.6 | 2.5 | 2.8 | 0.7 | 4.2 | 4.1 | 0.8 |
| Hip Replacement/Reconstruction | 1,900 | 4.2 | 3.4 | 0.8 | 7.1 | 6.3 | 1.0 | 9.1 | 8.5 | 0.9 |
| Open Reduction of Hip Fracture | 1,410 | 6.1 | 5.7 | 0.7 | 10.7 | 10.2 | 0.9 | 13.5 | 13.5 | 0.9 |
| Prostatectomy | 3,140 | 1.0 | 1.0 | 0.2 | 2.2 | 2.4 | 0.4 | 3.6 | 4.1 | 0.5 |
| Cholecystectomy | 2,515 | 2.3 | 2.3 | 0.3 | 4.4 | 4.3 | 0.6 | 5.3 | 5.8 | 0.6 |
| Hysterectomy | 959 | 0.6 | 0.5 | 0.4 | 1.5 | 1.2 | 0.7 | 2.3 | 1.9 | 0.9 |

* The Standard Deviation (SD) is not calculated if the number of deaths or cases is too small for satisfactory estimation.

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | |
|---|---|
| DEMOGRAPHICS: | |
| Average age at admission | 73.1 years |
| Proportion female | 56.8 % |
| ADMISSION SOURCES/TYPES: | |
| Referred by personal or HMO physician | 53.5 % |
| Transferred from skilled nursing facility | 0.5 % |
| Admitted for elective procedure | 18.7 % |
| Admitted for emergency | 61.3 % |

| | |
|---|---|
| COMORBIDITIES: | |
| Cancer | 6.7 % |
| Chronic cardiovascular disease | 38.0 % |
| Chronic liver disease | 0.8 % |
| Chronic renal disease | 3.7 % |
| Chronic pulmonary disease | 19.4 % |
| Cerebrovascular degeneration | 3.2 % |
| Diabetes mellitus | 9.4 % |

# ALL STATES

## FY 1990 MEDICARE HOSPITAL MORTALITY RATES

| CATEGORY | NUMBER OF CASES | MORTALITY RATES (%) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | 30 DAYS | | | 90 DAYS | | | 180 DAYS | | |
| | | OBS | PRED | SD* | OBS | PRED | SD* | OBS | PRED | SD* |
| ALL CAUSES | 6,542,299 | 9.0 | 9.0 | ----- | 13.9 | 13.7 | ----- | 17.3 | 17.1 | ----- |
| CONDITIONS: | | | | | | | | | | |
| Acute Myocardial Infarction | 204,673 | 25.3 | 25.6 | ----- | 29.5 | 28.7 | ----- | 32.1 | 31.4 | ----- |
| Congestive Heart Failure | 335,426 | 14.3 | 14.4 | ----- | 22.9 | 22.8 | ----- | 29.2 | 29.0 | ----- |
| Pneumonia/Influenza | 313,303 | 15.3 | 15.5 | ----- | 21.5 | 21.3 | ----- | 25.5 | 25.1 | ----- |
| Chronic Obstructive Pulmonary Disease | 107,387 | 8.0 | 8.0 | ----- | 14.1 | 14.0 | ----- | 18.7 | 18.5 | ----- |
| Transient Cerebral Ischemia | 96,866 | 1.8 | 1.8 | ----- | 4.0 | 4.0 | ----- | 6.4 | 6.5 | ----- |
| Stroke | 241,803 | 19.7 | 19.8 | ----- | 26.5 | 26.3 | ----- | 30.4 | 30.0 | ----- |
| Hip Fracture | 163,386 | 6.7 | 6.5 | ----- | 11.7 | 11.5 | ----- | 15.1 | 15.0 | ----- |
| Sepsis | 80,999 | 25.6 | 25.7 | ----- | 34.6 | 33.8 | ----- | 39.8 | 38.6 | ----- |
| PROCEDURES: | | | | | | | | | | |
| Angioplasty | 58,026 | 3.0 | 3.0 | ----- | 4.0 | 4.0 | ----- | 5.0 | 4.9 | ----- |
| Coronary Artery Bypass Graft | 80,798 | 6.0 | 5.7 | ----- | 8.3 | 8.1 | ----- | 9.5 | 9.2 | ----- |
| Initial Pacemaker Insertion | 49,642 | 3.2 | 3.3 | ----- | 6.5 | 6.3 | ----- | 9.1 | 9.1 | ----- |
| Carotid Endarterectomy | 29,990 | 1.6 | 1.5 | ----- | 2.8 | 2.8 | ----- | 4.0 | 4.1 | ----- |
| Hip Replacement/Reconstruction | 122,156 | 3.4 | 3.2 | ----- | 6.2 | 5.9 | ----- | 8.1 | 8.0 | ----- |
| Open Reduction of Hip Fracture | 80,075 | 6.1 | 6.0 | ----- | 11.2 | 11.0 | ----- | 14.5 | 14.5 | ----- |
| Prostatectomy | 211,087 | 0.9 | 1.0 | ----- | 2.2 | 2.3 | ----- | 3.7 | 3.8 | ----- |
| Cholecystectomy | 124,259 | 2.9 | 2.7 | ----- | 5.0 | 4.9 | ----- | 6.5 | 6.5 | ----- |
| Hysterectomy | 53,905 | 0.7 | 0.7 | ----- | 1.4 | 1.5 | ----- | 2.2 | 2.4 | ----- |

* The Standard Deviation (SD) is not calculated.

## FY1990 VALUES FOR SELECTED EXPLANATORY FACTORS USED TO PREDICT MORTALITY RATES

| | |
|---|---|
| DEMOGRAPHICS: | |
| Average age at admission | 74.1 years |
| Proportion female | 55.9 % |
| ADMISSION SOURCES/TYPES: | |
| Referred by personal or HMO physician | 46.1 % |
| Transferred from skilled nursing facility | 1.1 % |
| Admitted for elective procedure | 22.0 % |
| Admitted for emergency | 46.5 % |

| | |
|---|---|
| COMORBIDITIES: | |
| Cancer | 7.6 % |
| Chronic cardiovascular disease | 36.6 % |
| Chronic liver disease | 1.0 % |
| Chronic renal disease | 3.4 % |
| Chronic pulmonary disease | 15.0 % |
| Cerebrovascular degeneration | 3.9 % |
| Diabetes mellitus | 8.0 % |

# Hospital Comments

Brookwood Medical Center
Gregory H. Burfitt
President and Chief Executive Officer

March 19, 1992

Gail Wilensky, Ph.D., Administrator
Healthcare Financing Administration
Medicare Hospital Information
Bureau of Data Management & Strategy
Room 3A 12
Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187
Attention: Robert Moore

Medicare Provider Number: 010139

Dear Dr. Wilensky:

Brookwood Medical Center supports the consumers need for meaningful comparative healthcare data. The Healthcare Financing Administration's publication of the mortality data is an attempt to fill that need. However, the HCFA mortality data cannot be taken at face value, it requires careful, statistical analysis and clinical peer review to determine if and in what areas individual hospitals differ significantly from national norms.

The HCFA model also does not account for regional differences in patient population. For example, Brookwood's incidence of comorbid chronic cardiovascular disease of 30.5% is reflective of the higher incidence of cardiovascular disease found in people in the southern region of the United States. It should also be noted that the mortality rates shown for individual hospitals do not necessarily mean that the patients' death occurred while the patient was in that hospital. In Brookwood's case, less than half of the deaths occurred while the patient was in Brookwood Medical Center.

All of the records of Medicare patients who died while hospitalized were carefully reviewed as a part of the hospital's regular peer review (Quality Improvement) effort to determine if there were patterns or trends. While no troubling trends were found, some

2010 Brookwood Medical Center Drive, Birmingham, Alabama 35209 205 877-1000

interesting information was obtained. For example, of the patients listed in the congestive heart failure category, 58% of those who died requested no resuscitative effort or "No Code" status themselves. Of the mortalities categorized in the prostatectomy category, over half had significant past medical histories of kidney, heart or lung problems. In the angioplasty category, 71% of those patients who died while hospitalized were identified as high-risk patients by the presence of other health problems, who chose to undergo the angioplasty procedure in spite of the risk factors. Over half came from outside Birmingham. As a tertiary facility, Brookwood draws patients from outlying communities who, because of these additional risk factors, cannot be satisfactorily treated locally. These patients actually drive past other hospitals seeking care at Brookwood because those other hospitals are not able to adequately care for the complex medical problems of these patients.

One of the weaknesses of the coding and classification system used by all hospitals is that is does not adequately capture all of the underlying risk factors (medical conditions) but contribute to patient mortality. The coding classification system has very specific rules for what conditions can be coded and which cannot. Only a certain number of coded combinations impact the DRG assignment required by Medicare. In the past Brookwood has been very efficient in DRG coding assignment and has not coded conditions that did not affect the DRG. However, recently we changed our practice in response to the public's continuing need for more and better healthcare data. Our coding practices now mirror the coding practices of the other hospitals in Birmingham. Had these changes been implemented when this data was collected, it is likely that the predicted mortality rates would have increased, resulting in closer similarity with our observed mortality rates. This is demonstrated by the 0.2% increase in our Case Mix Index reflected in this 1990 data.

Brookwood Medical Center is committed to improving the quality of care and data provided to Birmingham and the surrounding communities.

Sincerely,

Gregory Burfitt

Gregory H. Burfitt
CEO/President

GHB/km

AMI West Alabama Hospital

March 19, 1992

COMMENTS ON THE HCFA MORTALITY DATA
WEST ALABAMA HOSPITAL,
NORTHPORT, ALABAMA
ID# 010145

## OVERALL SUMMARY

According to the 1990 HCFA mortality data for West Alabama Hospital, the differences between the observed and predicted mortality rates at 30, 90, and 180 days were within the expected ranges at the 95% prediction interval, and therefore do not warrant significant attention or further investigation. The following two sections detail characteristics of the data and some interpretive remarks regarding mortablity reviews at West Alabama Hospital.

## DATA VERIFICATION

The 1990 HCFA data lists a total of 1,115 Medicare cases for West Alabama Hospital. When counted, the detailed listing totaled 1,119 cases, a difference of 4. Specifics of the supplied listing of 1,119 cases reviewed are as follows:

There were 242 deaths listed, of which 162 were deaths occurring after discharge from West Alabama Hospital. Information relating to the specific factors of these deaths is not available since death occurred after discharge.

Eighty (80) deaths were listed as occurring at West Alabama Hospital. Of these cases, 36 patients were admitted with pre-existing conditions from state mental health facilities or area nursing homes.

West Alabama Hospital has an acute care contract with state psychiatric hospitals in the Tuscaloosa area.

> Alice Kidd Intermediate Care Facility - Nursing home type of facility for long-term intermediate care of life committed patients in the state mental health system.
>
> S. D. Allen Intermediate Care Facility - Nursing home type of facility for long-term intermediate care of life committed patients in the state mental health system.

2700 Hospital Drive, Northport, Alabama 35476 205-339-5100

Bryce Hospital - Psychiatric facility with both acute and chronic (life commitment) residents.

Taylor-Hardin Secure Medical Facility - Secure medical facility for state prisoners.

Due to the mental disorders involved in these patients, the severity of illness at time of admission is often higher than might otherwise be expected. (These patients seem less able to recognize and/or communicate early symptoms). Patients' cooperation with care and understanding of patient testing is limited during acute care treatment, complicating and prolonging course of illness. Nineteen (19) of the 80 deaths in the hospital occurred in this group.

Another unique area of service is the nursing home population in the Tuscaloosa area. Of the six nursing homes in Tuscaloosa County, five are within a two-mile radius of West Alabama Hospital. There are also several nursing homes in adjacent counties who routinely admit to this hospital. (Note: of the 80 listed inhouse, 17 were from nursing homes).

INTERPRETIVE REMARKS

Each patient death is reviewed by the respective department of the medical staff at West Alabama Hospital. This review is performed on a monthly basis as part of each department's review of quality and appropriateness of care. Opportunities for improvement identified in this review are discussed with the department members as a whole or individually as deemed appropriate. Actions taken are reported through the hospital's Quality Assurance Committee and ultimately the Board of Directors of the hospital.

Steve Altmiller

VICE PRESIDENT/FINANCE AND OPERATIONS

Medicare Provider Number: 010114

**BESSEMER CARRAWAY MEDICAL CENTER**

P.O. Box 847 ● Highway 11 South ● (205) 481-7000 ● Bessemer, Alabama 35021-0847

March 18, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187
Attn: Robert Moore

Re: Comments Concerning 1990
Hospital Specific Mortality
Data and Selected Information

Dear Dr. Wilensky:

The following comments are presented for publication along with the above referenced data:

1.) The 1990 mortality rates for this Hospital for the condition Acute Myocardial Infarction represent a total of only 33 cases which is probably not a statistically valid sample. Additionally, it should be noted that during the study period this hospital did not provide any invasive cardiology services. Patients presenting themselves to our Emergency Department and Clinics with this condition and who in the opinion of the attending physicians are candidates for definitive treatment are routinely referred to more appropriate facilities and never appear in this Hospital's published statistics.

2.) The following additional information which we believe better describes the case mix is provided on the observed deaths for the 1990 Mortality Data for the condition-Pneumonia/Influenza:

A.) Average age of these death cases is 83;

B.) 95% of these death cases were admitted through the Emergency Department;

C.) 52% of these death cases were nuring home residents;

D.) In 72% of these death cases, the family requested on admission or during the stay that no heroic measures be taken;

E.) 52% of these death cases expired during this stay with another 25% expiring within 30 days of discharge.

Because of the case mix used during the study period, we do not believe the 1990 Mortality Data for this condition is representative of the quality of care we provide.

Thank you for the opportunity for allowing us to provide these comments.

Sincerely,

Jerry T. McLane MD

Dan M. Eagar, Jr.
Administrator
Bessemer Carraway Medical Center

Jerry T. McLane, M.D.
Chairman
Quality Management Committee

DMEjr:JTMcL/kk

BOAZ ALBERTVILLE
MEDICAL CENTER

POST OFFICE DRAWER Z • BOAZ, ALABAMA 35957-0999
TELEPHONE (205) 593-8310

MARLIN HANSON, ADMINISTRATOR

Provider # 010005

COMMENTS RELATING TO HOSPITAL MORTALITY RATES FOR FISCAL YEAR OF 1990:

After ascertaining the Standard Mortality Rate, the medical diagnoses with a ratio greater than one (1) were reviewed with the following results:

**Acute Myocardial Infarctions**

Thirteen (13) death cases were reviewed; all of which had positive EKG and enzyme studies. Of those cases reviewed one (1) patient was noted to have expired at greater than 180 days, and it was felt this patient should not have been included in the study.

**Congestive Heart Failure**

Twenty-six (26) death cases were reviewed; all of which were confirmed by positive chest x-ray findings. Five (5) patients were noted to have expired at a time greater than 180 days from the admitting date specified within the report. It was felt these cases should not have been included in the study.

**Pneumonia**

Twenty-seven (27) death cases were reviewed and the diagnoses on twenty-six (26) cases were confirmed by chest x-ray findings. Of the total cases, three (3) were found to have expired at greater than 180 days. It was felt these cases should not have been included in the study.

**Transient cerebral ischemia**

Three (3) cases of deaths were reviewed with the diagnoses being confirmed by CT scan. Two (2) of three (3) cases were noted to have expired at a time greater than 180 days. It was felt these cases should not have been included in the study.

**SUMMARY:**

Total cases reviewed: 69
Total cases expiring at greater than 180 days - 11 (16%)
Total patients expiring due to confirmed diagnoses
not listed within the report - 14 (20%)

**CONCLUSIONS:**

1. Patients expiring at a time greater than 180 days should be removed from the study.
2. Death cases with confirmed diagnoses not listed within the report should be excluded from the study.

Sincerely,

Marlin Hanson

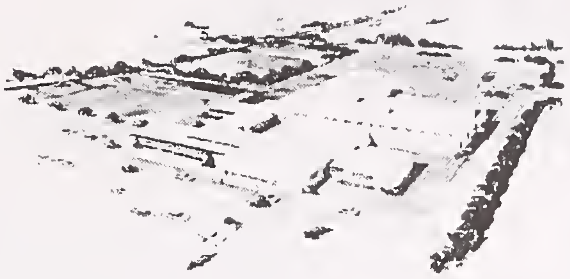
Marlin Hanson
Administrator

Medicare Provider Number: 010112

BRYAN W. WHITFIELD MEMORIAL HOSPITAL
DEMOPOLIS, ALABAMA 36732

PHONE (205) 289-4000
P. O. BOX 890

CHARLES E. NABORS
ADMINISTRATOR



March 19, 1992

Gail R. Wilensky, Ph.D., Administrator
Health Care Financing Administration
Medical Hospital Information
Bureau of Data Management and Strategy
Room #-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187
ATTN: Robert Moore

Pursuant to the comment period permitted in relationship to the Medicare mortality data publication, the following statement relating to Bryan W. Whitfield Memorial Hospital is as follows:

> An assessment of the 1990 data indicates that the overall causes are acceptable in terms of the observed and predicted relationship and within the overall standard deviation as noted for FY 1990. The lack of a standard deviation indicates insufficient sample size of 50 or fewer cases or no deaths in the specified category, therefore, indicating the lack of statistical significance as was noted in the specific instance of stroke, hip fracture, and open reduction of hip fracture categories. However, the observed/predicted ratio, despite its lack of statistical significance, can specifically be addressed on the basis of a specific and individual chart review of each case indicating no identified quality problems. All patients were very ill at admission, suffered from chronic disease, and were given care appropriate to the medical diagnosis. Of the 20 patients involved in the CVA and hip fracture categories, 15 presented to the emergency department having aspirated vomitus or having existing respiratory and/or cardiac problems. Seventeen patients had multiple, chronic medical conditions ranging from diabetes to cancer. The two patients who were 65 years old at time of death had no significant past medical history. Both had been doing yard work at home at the time of CVA onset. Therefore, no quality review problems have been identified and this constitutes normative aging and disease process.

Charles E. Nabors
CEO/Administrator

MEMBER
ALABAMA HOSPITAL ASSOCIATION
AMERICAN HOSPITAL ASSOCIATION

ACCREDITED BY
JOINT COMMISSION ON ACCREDITATION
OF HOSPITALS

Central Alabama Medical Center

CENTRAL ALABAMA MEDICAL CENTER

P. O. Box 120 • 1201 Company Street
Wetumpka, Alabama 36092
Phone (205) 567-4311 Fax (205) 567-5919

Medicare Provider No.# 010097

March 9, 1992

Gail R. Wilensky, Ph.D.
Administrator
Health Care Financing Administration
Medicare Hospital Information
Bureau of Data Management and Strategy
Room 3-A-12, Security Office Park Building
6325 Security Boulevard
Baltimore, Maryland 21207-5187

Attention: Robert Moore

RE: FY 1988-90 Mortality Data

Dear Mr. Moore:

In response to the letter dated 2/28/92 regarding our hospital's mortality data, we would like to make the following comments.

1. Central Alabama Medical Center is licensed for 69 beds, not the 58 shown in the report.

2. The mortality data used were on such few cases that no significant interpretation could be developed. On the whole, we appeared very well in most categories, but the few cases when we were above the predicted, the number of cases were too few to make any scientific assertions.

3. As your data shows, our average length of stay (7.7 days) is significantly below the national average (8.6 days). This is indicative of our attempt to minimize inpatient treatment and utilize outpatient treatment when appropriate.

Thank you for an opportunity to address these comments. If there are any questions, please give me a call at 205-567-4311.

Very truly yours,

Thomas J Enright

Thomas J. Enright,
Administrator

TJE/cf

LLOYD NOLAND HOSPITAL

701 Lloyd Noland Parkway, Fairfield, AL., 35064 205/783-5121

## COMMENTS ON THE RELEASE OF 1990 HOSPITAL MORTALITY DATA

At Lloyd Noland Hospital we believe every patient has the right to quality medical care tailored to his or her individual needs. Despite some refinements to the methodology, the latest release of mortality data falls far short of indicating significant information, for providers or consumers, concerning the appropriateness or quality of care delivered to an individual. This failure renders the study, at best, useful as a rough screening tool for hospitals; although we have found problems in this application as the data is misleading and contains some errors.

The major flaw in the mortality data study continues to be the use of the Prospective Payment System to provide the data base and indicate appropriate care. This system, designed to determine payment rather than quality or appropriateness of treatment, produces a data base and method totally foreign to all well-established quality assurance programs. In particular, the use of the principal diagnosis at discharge rather than the death diagnosis is of major concern as it can be inaccurate as well as actually obscuring the true cause of death.

Also, we find that source of admission and type of admission are not accurately reported in this data. Both admission source and type of admission reveal significant factors about a patient's condition and have serious implications for outcomes. Without these factors the mortality data does not and cannot yield information useful in predicting mortality rates or quality of care, especially in light of the considerable number of patients admitted through our Emergency Department and from nursing homes.

Further, the data in no way reflects inadequate or inappropriate care given by non-hospital providers either before admission or after discharge. Given the large percentage of patients who require care after discharge, the ability of or decision by the patient, family or other health care provider to give adequate care has an extremely significant impact on patient outcomes. Rather than reflecting the relatively short-term acute care treatment, in many cases these patient outcomes are a direct result of post-discharge care. Certainly we believe the shortage of appropriate post-discharge care in the community has a significant impact on the data in our state.

The limited attempt to adjust for severity of illness by taking into account admission type, some comorbidities and prior hospitalizations is helpful although it falls far short of giving an accurate picture of our patients' conditions. The failure to capture important factors such as lifestyle, occupation and socio-economic variables -- which greatly affect the health of our patients -- seriously compromises this data. The absence of these factors is in stark contrast to the individualized and thorough reviews conducted by our quality assurance professionals and our medical staff.

Also omitted are the important choices made by patients and their families concerning treatment or termination of treatment. There are a significant number of cases in which a terminally ill patient or their family, request that no heroic measures be taken.

## DATA VERIFICATION

Based on our attempts to verify the data, we find no indication that the data is substantially more accurate than in previous years. The use of principal diagnosis in grouping patients remains misleading and obscures the actual cause of death in some cases. Further, there is no evidence that any attempt has been made to eliminate problems found in past years, for example the instances where secondary codes were incorrectly used placing a patient in the wrong diagnostic category. Nor were we able to identify all patients in our records using the information provided in the report.

The very format of the data, which requires the application of statistical formulas to give an appropriate interpretation, is misleading and should be revised. Alone the predicted mortality rate, the observed mortality rate, and the standard deviation, do not give an accurate picture of the data to consumers.

Of greatest significance is the inaccuracy concerning admission source/type data. It is a widely accepted that admission source/type has serious implications for patient condition and outcomes. Given that approximately 50 percent of our Medicare patients are admitted from skilled nursing facilities and through our Emergency Department, the absence of accurate data causes the mortality data to be grossly inaccurate.

## SUMMARY

We do agree that it is important for consumers to have useful information. Yet, with comprehensive quality assurance efforts in place, this simplistic approach falls far short of providing valid information. While death charts are thoroughly reviewed by medical and quality assurance personnel, we do not measure quality of care simply by the number of deaths which occur. Like most hospitals, we have numerous mandated and voluntary quality assurance activities including appropriateness of care indicators and patient satisfaction surveys which focus on all significant factors affecting the individual patient. We suggest HCFA carefully examine the use of more reliable and accepted measures of quality, particularly in light of the generally meaningless data generated by this study.

Leon C Hamrick
Leon C. Hamrick, Sr., M.D.
Medical Director

Gary M Glasscock
Gary M. Glasscock
Administrator

PROVIDENCE HOSPITAL
*6801 Airport Boulevard, Post Office Box 850429, Mobile, AL 36685 205/633-1000*

Medicare Provider
Number 010090

Comment on the HCFA Mortality Data
Providence Hospital
Mobile, Alabama

Providence Hospital, Mobile, Alabama, upholds the right of consumers to have access to meaningful information regarding the quality of hospital care. While we support the government's interest and concern about the quality of hospital care, we feel that mortality rates, by themselves, do not accurately measure a hospital's performance or quality.

Providence Hospital, a member of the Daughters of Charity National Health System, has served Mobile and surrounding areas for 137 years. Providence has the combined services of the region's most outstanding physicians and specialty services, including emergency services, cancer treatment, and management of pulmonary and heart conditions. The hospital's governing board, medical staff, management, and employees are committed to providing our community with quality service. Providence Hospital maintains a comprehensive quality review program. Such a program is designed to enhance patient outcomes and promote appropriate utilization of resources. This is accomplished through the use of state-of-the-art technology and intervention, and through the consistent monitoring and evaluation of patient care services. In early 1990, Providence Hospital received a three year accreditation by the Joint Commission of Accreditation of Healthcare Organizations.

The 1990 HCFA mortality information for Providence Hospital has been verified. Until, however, data selection and analytic methodologies are further refined to accurately account for complex issues such as severity of illness, we cannot and do not recommend the use of mortality information by itself to make judgements about the quality of care in an individual hospital, or to make comparisons among hospitals. We support efforts by HCFA, the American Hospital Association and other organizations, including the Joint Commission on Accreditation of Healthcare Organizations, to continue to identify and refine methodology to assure valid measurement of hospital quality.

Member of DAUGHTERS OF CHARITY NATIONAL HEALTH SYSTEM

☆U.S. GOVERNMENT PRINTING OFFICE: 1992-320-975

CMS LIBRARY
3 8095 00015468 8

ISBN 0-16-037831-1
90000
9 780160 378317